



Ms. Carmen Santos  
U.S. Environmental Protection Agency, Region 9  
Mail Code WST-5  
75 Hawthorne Street  
San Francisco, California 94105

Subject:

Revised PCB Cleanup Completion Report, College for Certain,  
1009 66th Avenue, Oakland, California

Dear Ms. Santos:

On behalf of Aspire Public Schools (Aspire) and College for Certain, LLC (CFC), ARCADIS U.S., Inc. (ARCADIS) has prepared this report to provide additional information regarding the remediation of soil containing polychlorinated biphenyls (PCBs) at the Former Pacific Electric Motors Facility located at 1009 66th Avenue in Oakland, California (Site; Figures 1 and 2). The majority of the environmental work was conducted by LFR Inc. (LFR), on behalf of CFC. LFR was purchased by ARCADIS in December 2008 and became fully integrated into ARCADIS in January 2010.

The remedial tasks conducted at the Site were completed in accordance with 40 Code of Federal Regulations (CFR) §761.125(c)(5) that describes the implementation of the Toxic Substances Control Act (TSCA) Self-Implementing Cleanup Plan (SICP). The scope of work for the SICP was presented in a letter from LFR to the U.S. Environmental Protection Agency (USEPA), dated October 23, 2009 and prepared for Aspire (LFR 2009c). ARCADIS submitted a report entitled "Implementation of the Toxic Substances Control Act Self-Implementing Cleanup Notification at the Former Pacific Electric Motors Facility, 1009 66th Avenue, Oakland, California" on August 12, 2010 (Implementation Report; Attachment 6; ARCADIS 2010a). The Implementation Report documented the remedial actions that took place as outlined in the SICP.

Following the submittal of the Implementation Report, additional remedial tasks associated with the SICP were conducted at the Site as part of the redevelopment of the Site from November 2010 to August 2011. In addition, ARCADIS prepared and submitted a draft Operations and Maintenance Plan (O&M Plan) and deed notice for the Site in October 2011 (a Revised O&M Plan is included as Attachment 5 and a Revised Land Use Covenant and Environmental Restriction is being submitted under separate cover). Following review of these draft documents, the USEPA requested

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Our ref:  
EM009155.0016

Imagine the result



the following information to document the additional remedial tasks that were completed at the Site:

- Summary of additional remedial actions conducted following the submittal of the Implementation Report;
- A summary of the PCB-containing soil that remains at the Site;
- Summary of mitigation measures for the PCB-containing soil that remains at the Site;
- Soil sample laboratory analytical data (Attachment 1);
- Revised health risk screening calculations (Attachment 2);
- Fill material source information and laboratory analytical data (Attachment 3);
- Waste disposal information (Attachment 4); and
- Revised figures showing:
  - Details regarding the surface cap, the landscaped areas, and the redevelopment plan (Figure 3);
  - Survey coordinates for the location of soils beneath the cap containing PCBs at concentrations above the cleanup level of 0.130 milligrams per kilogram (mg/kg; Figure 3); and
  - Areas where cleanup levels were achieved, where the cleanup levels were not achieved, and where soils contaminated with PCBs above the cleanup level were consolidated beneath the cap at depths ranging from approximately 1 to 4 feet below the current ground surface (see Figure 3).

Therefore, this report, along with the Implementation Report, provides a comprehensive summary of the SICP.

The Site has been redeveloped into the Aspire Golden State College Preparatory Academy, which serves grades 6 through 12 and has capacity for 570 students; the



school opened in August 2011. The school occupies approximately 1.4 acres and consists of:

- 3 two-story buildings (approximately 41,430 square feet total including 24 full-sized classrooms, 4 labs, 3 girls and 3 boys restrooms, and 4 staff restrooms);
- An asphalt-paved parking area with access via two driveways on 66th Avenue (one for ingress and one for egress);
- An asphalt-paved area for basketball; and
- Several planter areas.

### Post-Demolition Surface Soil Samples

Post-demolition surface soil samples (PD-1 to PD-7) were collected in May 2010 within the footprint of the two buildings that were demolished at the Site and analyzed for PCBs. The purpose of these samples was to document the surface soil quality following the demolition of the two buildings. As indicated in Table 1 below, six of the post-demolition surface soil samples contained PCBs at concentrations that exceeded the site-specific cleanup goal of 0.130 mg/kg. Laboratory reports for these samples are included as Attachment 1. Figure 4 illustrates the locations of these samples.

**Table 1**  
**Post-Demolition Surface Soil Samples**  
*concentrations in mg/kg*

Sample ID	Notes	Date	PCBs
PD-1	1, 2	05/28/10	<b>0.372</b>
PD-2	1, 2	05/28/10	<b>0.940</b>
PD-3	1, 3	05/28/10	<b>0.344</b>
PD-4	1, 3	05/28/10	<b>0.321</b>
PD-5	1, 3	05/28/10	<b>0.209</b>
PD-6	1, 2	05/28/10	<b>0.535</b>
PD-7		05/28/10	0.100
<b>REGULATORY CONCENTRATIONS</b>			
Soil Cleanup Goal			0.130



**Notes:**

- 1 - Concentrations of PCBs are reported as a combination of Aroclor 1254 and 1260. Samples analyzed by Curtis & Tompkins Ltd. for PCBs using EPA Test Method 8082.
- 2 - Denotes soil remains in place at the Site beneath the cap (see Figure 3).
- 3 - Denotes soil near this sample was excavated and consolidated on site near soil sample locations W1-SDWall2' and W2-SDWall2' (see Figures 3 and 4).

Initially, soil represented by these post-demolition surface soil samples was to remain in place. However, in order to accommodate the redevelopment of the Site, soil in the vicinity of three of the sample locations (PD-3, PD-4, and PD-5) required excavation. An area measuring approximately 10 feet long by 10 feet wide by 2 feet below grade was excavated at each of the three sample locations - PD-3, PD-4, and PD-5 and consolidated on site (see excavation areas named EXC-PD3, EXC-PD4, and EXC-PD5 on Figure 4).

As described in the letter from ARCADIS to USEPA dated September 15, 2010 (ARCADIS 2010b), instead of hauling this excavated soil to a landfill for disposal, the soil that was excavated at these three locations was consolidated within the area along the western property boundary at soil sample locations W1-SDWall2' and W2-SDWall2' (see Figures 3 and 4). Approximately 20 to 25 cubic yards of soil from the three areas of excavation (EXC-PD3, EXC-PD4, and EXC-PD5) was consolidated within the area along the western property boundary that encompasses soil sample locations W1-SDWall2' and W2-SDWall2' (see Figures 3 and 4). The consolidated soil was placed at an elevation of approximately 2.5 to 3 feet set to the City of Oakland Vertical Datum, which is equivalent to approximately 5 feet below the surface of the pavement in this area of the Site. The excavation where the soil was placed was lined with Geotextile fabric and the encapsulated soil was also covered with Geotextile fabric prior to raising the grade and compacting the area.

In accordance with the methods provided in the SICP, confirmation soil samples were collected from the sidewalls and the base of excavations EXC-PD3, EXC-PD4, and EXC-PD5 (a total of five soil samples from each area) and analyzed for PCBs (see Figure 4). These confirmation soil samples were collected after the excavated soil was placed in the consolidation area (EXC-PCB3). The analytical results for these samples are provided in Table 2 (below). As indicated, PCBs were not detected in these confirmation soil samples at concentrations above the site-specific cleanup goal. Laboratory reports for these samples are included as Attachment 1.



**Table 2**  
**Post-Demolition Excavation**  
**Confirmation Soil Samples**  
*concentrations in mg/kg*

Sample ID	Notes	Date	PCBs
EXC-PD3- NORTH 2'		10/27/10	<0.012
EXC-PD3- SOUTH 2'		10/27/10	<0.012
EXC-PD3- EAST 2'		10/27/10	<0.012
EXC-PD3- WEST 2'		10/27/10	<0.012
EXC-PD3- BOTTOM 2'		10/27/10	<0.012
EXC-PD4- NORTH 2'		10/27/10	<0.012
EXC-PD4- SOUTH 2'		10/27/10	<0.012
EXC-PD4- EAST 2'		10/27/10	0.016
EXC-PD4- WEST 2'		10/27/10	<0.012
EXC-PD4- BOTTOM 2'	1	10/27/10	0.063
EXC-PD5- NORTH 2'		10/27/10	<0.012
EXC-PD5- SOUTH 2'		10/27/10	<0.012
EXC-PD5- EAST 2'		10/27/10	<0.012
EXC-PD5- WEST 2'		10/27/10	0.030
EXC-PD5- BOTTOM 2'		10/27/10	0.025
<b>REGULATORY CONCENTRATIONS</b>			
Soil Cleanup Goal			0.130

**Notes:**

1 - Concentrations of PCBs are reported as a combination of Aroclor 1254 and 1260.

Samples analyzed by TestAmerica Laboratories Inc. for PCBs using EPA Test Method 8082.

**PCB-Containing Soil Remaining at the Site**

Soil containing PCB concentrations above the cleanup goal of 0.130 mg/kg was left in place at the Site beneath the TSCA cap at 12 locations. The locations of the 12 soil samples that contain concentrations above the PCB cleanup goal of 0.130 mg/kg are illustrated on Figure 3.

The 12 soil samples listed in Table 3 contained PCBs at concentrations greater than 0.130 mg/kg and represent soil that remains in place beneath the TSCA cap (see Figure 3).



**Table 3**  
**Samples Contained PCBs at Concentrations Greater Than 0.130**

Sample ID	Depth below TSCA Cap (in feet)	PCBs (in mg/kg)
50' North 1 - SDWALL1'	1.0	0.135
50' North 2 - SDWALL1'	1.3	0.160
50' North 3 - SDWALL1'	1.4	0.250
25' North 7 - SDWALL1'	1.3	0.330
S1-SDWALL 2' R1	1.2	0.230
NE-CORNER 3' R1	2.2	0.270
W1-SDWALL 2'	3.4	0.420
W2-SDWALL 2'	4.0	2.500
SW-Bottom 6' R2	3.9	0.370
PD-1	1.3	0.372
PD-2	1.4	0.940
PD-6	1.2	0.535

**Notes:** The depth of the samples below the TSCA Cap was established by subtracting the sample elevation from the finished floor elevation of the top of the TSCA cap.

Due to geotechnical work conducted to strengthen site soils for the redevelopment of the Site, the soil currently in those 12 locations may have been moved. Thus the PCB-containing soil may be at locations that are not represented by the samples collected in those locations before the geotechnical and grading work. The geotechnical work to strengthen the soil included the cement treatment of the upper 18 inches of soil across the Site. This may have resulted in the mixing and movement of soil at the 12 locations where PCBs were detected at concentrations greater than the cleanup goal with other soils at the Site.

ProUCL calculations prior to grading and geotechnical work at the Site demonstrated the 95% Upper Confidence Limit (UCL; 0.174 mg/kg total PCBs) was slightly higher than the cleanup level of 0.13 total PCBs. Figure 3 depicts the locations of the samples that contain PCBs at concentrations greater than 0.130 mg/kg prior to stabilization. PCBs remaining in soil were mitigated by construction of the cap (see the Mitigation Measures section below).

Soil represented by samples 50' North 1-SDWALL1', 50' North 2-SDWALL1', and 50' North 3-SDWALL1' is now located beneath the parking areas that serve as the TSCA cap (see Figure 3). In this area (from the top down) the cap consists of 2.5 inches of asphalt concrete (the ground surface) that was placed on top of 8 inches of imported



aggregate base rock that lies on top of the cement-treated soil (where the affected soil is located).

Soil represented by sample locations PD-1 and SW-Bottom 6'R2 are now beneath the "rat slab" that serves as the TSCA cap (see Figure 3). In this area (from the top down), the cap consists of 2 inches of cement rat slab that was placed on top of 4 inches of imported base rock that lies on top of the cement-treated soil (where the affected soil is located). This rat slab design was approved by USEPA in a letter to Aspire dated April 5, 2011.

Soil at sample location PD-2 is now beneath the pedestrian walkway that serves as the TSCA cap in this portion of the Site (see Figure 3). In this area (from the top down), the cap consists of 4 inches of Portland Cement (the ground surface) that was placed on top of 4 inches of imported base rock that lies on top of the cement-treated soil.

Soil at sample locations 25' North 7-SDWALL1', S1- SDWALL 2' R1, W1-SDWALL 2' (consolidation area), W2-SDWALL 2' (consolidation area), and PD-6 are now beneath the vehicle traffic area that serves as the TSCA cap in this portion of the Site (see Figure 3). In this area (from the top down), the cap consists of 3 inches of asphalt concrete (the ground surface) that was placed on top of 10 inches of imported base rock that lies on top of the cement-treated soil.

### **Revised Health Risk Screening Calculations**

USEPA requested that the analytical results for the 15 excavation confirmation soil samples collected in October 2010 be included in the health risk screening calculations conducted for the Site. The revised spreadsheets that were used to calculate the revised 95% UCL and the Estimated Risk Based on Representative Concentrations are provided in Attachment 2. The revised 95% UCL for the concentration of PCBs remaining in place is 0.174 mg/kg; the estimated risk associated with this PCB concentration is  $1.3 \times 10^{-6}$  and the estimated hazard index (HI) for PCBs in soil is 1.3. The risk posed by PCBs in soil is mitigated by the TSCA cap constructed at the Site (i.e., the building slabs, the roads, and the sidewalks; see Figure 3 and the Mitigation Measures section below).

As provided in the Implementation Report, a human health risk screen was performed considering the soil that was left in place after the removal actions in the 0 to 2 feet below ground surface interval. This included analytical data for soil samples collected during the site characterization activities and post-removal confirmation soil



sampling events. Data associated with soil that was removed from the Site (i.e., excavated, transported, and disposed of off site) were removed from the data set. Therefore, the data set consists of only data associated with soils remaining on site. A list of the PCB in-place soil samples used for this evaluation is presented in Attachment 2.

Exposure point concentrations (EPCs) of the post-removal constituents of concern (COCs) were used to perform the human health risk screen. The COCs include arsenic, lead, total petroleum hydrocarbons, and PCBs. This report addresses the removal action associated with the PCBs only. The EPCs for the selected COCs were compared to Recommended Cleanup Goals presented in the Revised Corrective Action Plan (CAP; LFR 2009a). The USEPA software ProUCL Version 4.00.05 was used to perform the statistical evaluation. EPCs were calculated for COCs with a minimum of six detections. Maximum detected concentrations were used for COCs with fewer than six detections.

Details on the statistical evaluation and representative concentrations are included in Attachment 2.

### Health Risk Screen

Comparisons were performed as follows for carcinogenic compounds:

$$\text{RiskEPC} = \frac{\text{EPC}_{\text{soil}} \times \text{T}_{\text{Risk}}}{\text{CUG}}$$

Where:

RiskEPC = estimated risk for COC (target =  $10^{-6}$ )  
 $\text{EPC}_{\text{soil}}$  = exposure point concentration for soil  
 $\text{T}_{\text{Risk}}$  = target risk used for the CUG calculation ( $10^{-6}$ )  
 CUG = cleanup goal presented for the COCs in CAP



Comparisons were performed as follows for non-carcinogenic compounds:

$$\text{HazardEPC} = \frac{\text{EPC}_{\text{soil}}}{\text{CUG}}$$

Where:

Hazard EPC = estimated risk for Site (target = 1)

$\text{EPC}_{\text{soil}}$  = exposure point concentration for soil

CUG = cleanup goal presented for the COCs in CAP

The estimated risk based on the health risk screen is  $1.3 \times 10^{-6}$ . PCBs are the only in-place COCs with an estimated risk greater than  $1 \times 10^{-6}$ . The estimated HI is 1.3. PCBs are the only in-place COCs with an estimated HI greater than 1.

## Mitigation Measures

This section provides a summary of the mitigation measures that have been implemented at the Site.

### TSCA Cap

In accordance with letters from the USEPA to CFC dated April 5, 2011 and June 16, 2011 (USEPA 2011a,b), the PCB-containing soil has been mitigated by installing a "modified TSCA cap" across the Site. Figure 3 is a map that illustrates the following:

- The redevelopment plan for the property
- The modified TSCA cap
- The locations and concentrations of PCBs detected in the soil samples that failed the cleanup criteria for PCBs and remain in place at the Site

Figure 3 is a map that illustrates all in-place PCB soil samples and Figure 4 illustrates samples that passed and failed the cleanup criteria. Figures 5A, 5B, and 5C illustrate in-place PCB soil samples for each area of the Site, in greater detail.



The cap has been installed at the Site as described below (from the bottom up to the ground surface). The TSCA cap is the mitigation measure that has reduced the HI to less than 1.

**Trash Enclosure Area**

- Native soil
- 18 inches of cement-treated native soil
- 6 inches of imported aggregate base rock
- 6 inches of Portland cement concrete

**Pedestrian Walkway Areas - Concrete**

- Native soil
- 18 inches of cement-treated native soil
- 4 inches of imported aggregate base rock
- 4 inches of Portland cement concrete

**Vehicle Traffic Areas**

- Native soil
- 18 inches of cement-treated native soil
- 10 inches of imported aggregate base rock
- 3 inches of asphalt concrete

**Parking Areas**

- Native soil
- 18 inches of cement-treated native soil
- 8 inches of imported aggregate base rock
- 2.5 inches of asphalt concrete

**Pedestrian Walkway Areas - Asphalt**

- Native soil
- 18 inches of cement-treated native soil
- 4 inches of imported aggregate base rock
- 2 inches of asphalt concrete

**Landscaped Areas**

- Native soil
- 18 inches of cement-treated native soil
- 10 inches of native soil



- 12 inches of imported top soil

As requested by USEPA (USEPA 2011b), samples of the imported soil to be used in the landscaped areas were collected and analyzed in accordance with the Soil Sampling Plan for imported soil for landscaping dated June 24, 2011 (ARCADIS 2011). According to information provided by the general contractor, the soil used in the landscaped areas was imported to the Site from West Coast Sand and Gravel from R&B Materials Supply located in Manteca, California.

Two soil samples and one duplicate soil sample of the imported soil were collected and analyzed for PCBs, lead, arsenic, total petroleum hydrocarbons as gasoline (TPHg), and benzene on August 4, 2011. The analytical results for these samples are provided in the laboratory report that is included as Attachment 3. Lead and arsenic were detected in each of the three soil samples and PCBs were detected in one sample at 0.024 mg/kg. TPHg and benzene were not detected at concentrations above the laboratory reporting limit (see Attachment 3). The results of these analyses indicated that the concentrations of lead, arsenic, and PCBs detected in the soil samples were less than the cleanup goals established for the Site and the soil was imported to the Site.

#### **TSCA Cap Inspection**

The TSCA cap will be visually inspected annually for cracks or differential settlement. The inspection procedures are described in detail in the O&M Plan and deed notice for the Site dated October 2011. The inspections will be conducted by a California-licensed Engineer or Geologist. The results of the inspections will be documented in a brief summary letter that will include photographs and a map. The letters will be transmitted to the USEPA for review and comment.

All identified cracks or settlements will be repaired by a California-licensed General Engineering Contractor to provide equipment and experienced personnel to conduct the excavation work. The personnel will have the appropriate Occupational Safety and Health Administration training for sites with affected soil and groundwater (HAZWOPER). Repair activities will be directed by individuals working under the direct supervision of a California Professional Geologist or Professional Engineer. Soil generated through the repair activities will be handled in accordance with the Soil Management Plan (Attachment 5). The repairs will be documented in a brief summary letter that will include photographs and a map.



## PCB-Containing Soils and Materials Disposal

Three in-situ soil samples collected at the Site contained PCBs at concentrations greater than 50 mg/kg (LFR 2006). Because of these in-situ soil samples U.S.EPA was contacted and included to provide regulatory oversight for the TSCA issues related to the PCB-containing soil. Specifically, in-situ soil sample 4B collected approximately 0.5 feet below the ground surface near excavation EXC-PCB1 in March 2005 contained PCBs at 69.68 mg/kg (LFR 2006). In-situ soil samples B-8 and B-13, collected approximately 0.5 feet below the ground surface in the northern corner near the location where PCB-containing soil was excavated in 1992, contained PCBs at 960 and 45,470 mg/kg (Pacific Electric Motors 1993). Based on this data for the in-situ soil samples, excavated soil from excavation EXC-PCB1 and soil excavated in the area near the excavation that took place in 1992 (within excavation EXC4) were transported and disposed of as a hazardous waste at Waste Management's Kettleman Hills Landfill. The final extent of each excavation at the Site was determined by a combination of site-representative concentrations (95% UCL of residual concentrations). The original expected total volume of known affected soil to be excavated was approximately 1,250 in-place cubic yards. The results of the confirmation soil samples collected from excavation areas EXC1, EXC2, EXC4, PCB-EXC1, PCB-EXC2, PCB-EXC3, and PCB-EXC4 resulted in a significant increase in the volume of soil that was removed from the Site. A total of approximately 8,400 tons of soil was removed from the Site.

In-situ soil samples collected from excavations EXC-PCB2, EXC-PCB3, EXC-PCB4, and EXC4 did not contain PCBs at concentrations greater than 50 mg/kg (ARCADIS 2011). Therefore, the soil from excavations EXC-PCB2, EXC-PCB3, EXC-PCB4, and EXC4 was transported and disposed of at Republic Services Keller Canyon Landfill located in Pittsburg, California. Soil from excavation EXC4 that was transported to the Keller Canyon Landfill was from areas located outside the area where the 1992 excavation of PCB-containing soil took place (i.e., where in-situ soil samples contained less than 50 mg/kg PCBs).

Due to elevated lead soluble threshold limit concentration results in soil samples collected from the combined excavation EXC1 and EXC2 (located near 66<sup>th</sup> Avenue), this soil was characterized as non-Resource Conservation and Recovery Act (RCRA) solid hazardous waste and transported for disposal at Chemical Waste Management's Kettleman Hills Landfill.

Table 4 below identifies soil disposal classifications, quantities, and destinations for PCB-containing soil. Copies of the PCB-containing soil waste manifests are included



in Attachment 4, in addition to weight summary reports for non-PCB-containing soils from the landfills. The soil included in these shipments is accounted for in Table 4 below, and the PCB-containing soil summary table included in Attachment 4. The removal action for the PCB-containing soil was documented in the letter report dated August 12, 2010 (ARCADIS 2010a).

**Table 4**  
**Soil Disposal Summary**

<b>Destination</b>	<b>Waste Classification</b>	<b>Volumes (tons)</b>
Kettleman Hills Landfill	PCB-TSCA (50 mg/kg & greater)	1,280.85
Kettleman Hills Landfill	Non-RCRA (Lead)	1,977.83
Vasco Road Landfill	Non-Hazardous	5,102.04
Keller Canyon Landfill	Construction Debris (includes building demolition debris)	2,476.60

In addition to the soil removal, PCB-containing building materials were also removed from the Site. Samples of the building materials that comprised the two warehouses that were demolished were collected in October 2009. These samples were collected and analyzed in accordance with the Sampling Plan for Building Materials provided in the letter from LFR to the USEPA, dated October 19, 2009 (LFR 2009b). Samples of the wood, paint, and concrete contained PCBs at concentrations up to 13 mg/kg (i.e., all less than 50 mg/kg; see Test America laboratory reports for “Job Number: 720-23737-1” in Attachment 1).

Discreet samples from building materials that included window caulk, paint, roofing materials, and concrete were collected and submitted to a state-certified laboratory for PCB analysis using USEPA Test Method 8082. The laboratory reports for these samples are included on the CD that accompanies this report (Attachment 1). PCBs were present in concentrations above the laboratory reporting limits (up to 13,000  $\mu\text{g/kg}$ ; see Table 5 below) in the samples collected from window caulk, paint, and concrete at the Site. The demolition debris from the demolition of both structures, including but not limited to wood, metal, glass, and concrete, was consolidated on site and transported for disposal as bulk PCB remediation waste at Republic Services’ Keller Canyon Landfill located in Pittsburg, California. Based on the weight tickets provided by Republic Services, a total of 2,476.60 tons of bulk PCB product waste (comprised of window calking and other building materials) and PCB remediation waste (concrete, metal, glass, and wood affected by PCBs) was disposed of at the Keller Canyon Landfill. The majority of this material was concrete. The weight summary report for these materials is provided in Attachment 4.



**Table 5**  
**Building Materials**  
**Confirmation Soil Samples**  
*concentrations in  $\mu\text{g/kg}$  (micrograms per kilogram)*

Sample ID	Date	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260
Roof Bldg 1	10/29/09	<290	<290	<290	<290	<290	<290	<290
Floor Caulk	10/29/09	<2,900	<2,900	<2,900	<2,900	<2,900	<2,900	11,000
Window Caulk	10/29/09	<500	<500	<500	<500	<500	<500	2,400
Window Paint Bldg 1	10/29/09	<5,800	<5,800	<5,800	<5,800	<5,800	<5,800	13,000
Paint Bldg 1	10/29/09	<300	<300	<300	<300	<300	<300	340
Concrete Cap	10/29/09	<50	<50	<50	<50	<50	<50	89
Silver Paint Bldg 2	10/29/09	<290	<290	<290	<290	<290	<290	1,600

**Note:** Samples analyzed by TestAmerica Laboratories Inc. for PCBs using EPA Test Method 8082.



**Table 6**  
**Conditions of Approval Checklist**

<b>USEPA Conditions of Approval</b>	<b>Date of Completion/USEPA Approval</b>
Written, Signed Verification by Owner of Aspire Property and Party Conducting Cleanup	Presented on November 18, 2009; EPA conditional approval on November 25, 2009 (via email)
Pre-Demolition Survey	Presented on November 18, 2009; EPA conditional approval on November 25, 2009 (via email)
Sampling and Analysis Plan	Presented on November 5, 2009; EPA conditional approval on November 25, 2009 (via email)
Sequence of Pre-Cleanup PCB Soil Characterization; Pre-Demolition Sampling (Building Materials); Soil Remediation; and Soil Cleanup Verification	Presented on November 18, 2009; EPA conditional approval on November 25, 2009 (via email)
PCB Remediation Waste; PCB Bulk Product Waste; Cleanup Wastes; and Disposal Requirements	Presented on November 18, 2009; EPA conditional approval on November 25, 2009 (via email)
Measures to Prevent Exposure of Neighboring Communities to Airborne Particulates	Presented on November 18, 2009; EPA conditional approval on November 25, 2009 (via email)
Cleanup Levels	Presented on November 18, 2009; EPA conditional approval (via email) on November 25, 2009; December 18, 2009, and January 21, 2010
Cap (Protective Barrier)	Presented on April 25, 2011; EPA approval on June 16, 2011
Risk Management Plan and Deed Notice	Presented on October 15, 2013; EPA approval pending
Recordkeeping and PCB Cleanup	Presented on October 15, 2013; EPA approval pending
Restoration of the Site	Presented on October 15, 2013; EPA approval pending



We at ARCADIS appreciate working with you and your team and look forward to bringing this project to closure with the USEPA and Alameda County Department of Environmental Health in the very near future.

Sincerely,

ARCADIS U.S., Inc.



Ron Goloubow, P.G.  
Principal Geologist

Copies:

Angela Andrews - Aspire Public Schools  
Paresh Khatri - Alameda County Department of Environmental Health

Enclosures:

**Figures**

Figure 1 - Site Vicinity Map  
Figure 2 - Site Plan  
Figure 3 - Site Plan Showing Pavement Plan/Cap and In-Place Soil Exceeding PCB Cleanup Goals  
Figure 4 - In-Place Soil Samples Compared to PCB Cleanup Goals  
Figure 5A - Excavations PCB-1 and PCB-2 Soil Samples Compared To PCB Cleanup Goals  
Figure 5B - Excavations EXC-1 and EXC-2 PCB Concentrations  
Figure 5C - Excavations EXC-4, PCB-3, and PCB-4 PCB Concentrations

**Attachments**

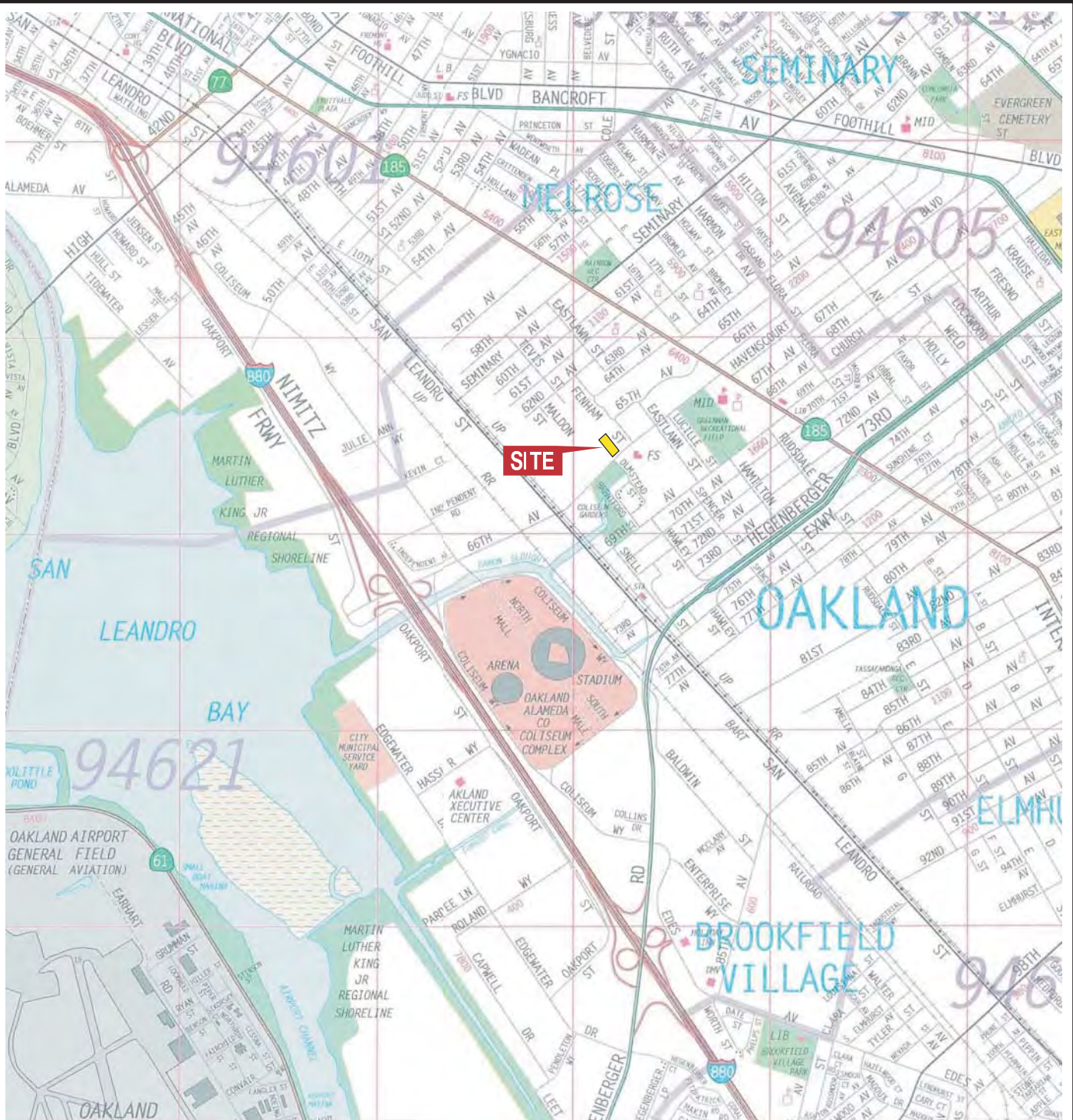
Attachment 1 - Laboratory Analytical Data for Soil Samples (provided on CD)  
Attachment 2 - Revised Human Health Risk Evaluation  
Attachment 3 - Laboratory Analytical Data Report for Imported Soils  
Attachment 4 - Waste Disposal Information  
Attachment 5 - Operations and Maintenance Plan and Soil Management Plan  
Attachment 6 - August 2010 TSCA Implementation Report  
Attachment 7 - Correspondence with USEPA



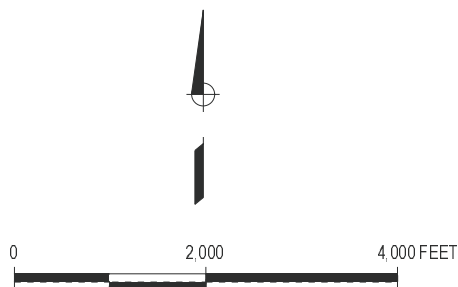
## References

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- USEPA. 2011b. Aspire Public School, 1009 66th Avenue, Oakland, California – USEPA November 13, 2009 Approval of Polychlorinated Biphenyls Cleanup Notification under Toxic Substances Control Act – New Request for Additional Cap Modification. June 16.





MAP SOURCE: Copyright 1995, Thomas Bros. Map ALAMEDA COUNTY 2002 Edition



1009 66TH AVENUE, OAKLAND, CALIFORNIA

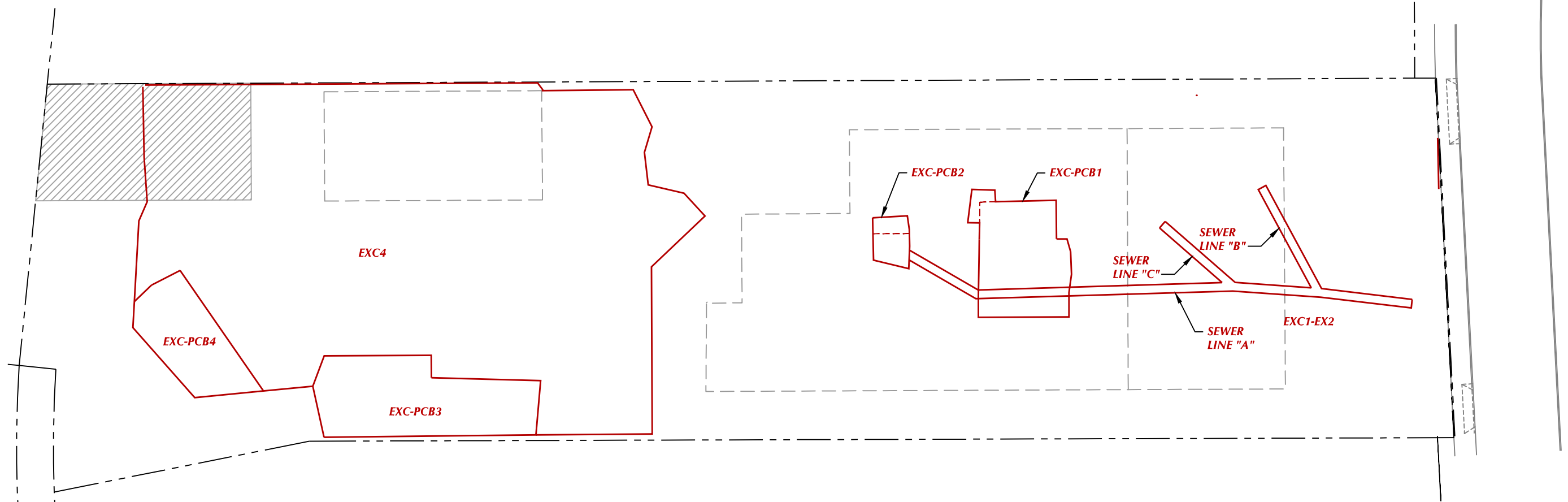
# **SITE VICINITY MAP**



FIGURE  
**1**

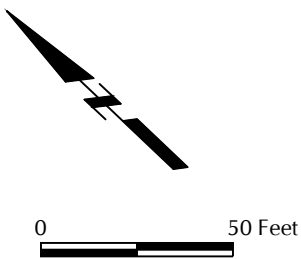


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EXPLANATION:

- Property Line
- Former Warehouse Building
- Area of Excavation of PCB-Affected Soil
- Reported Area of Excavation of PCB-Affected Soil in 1992



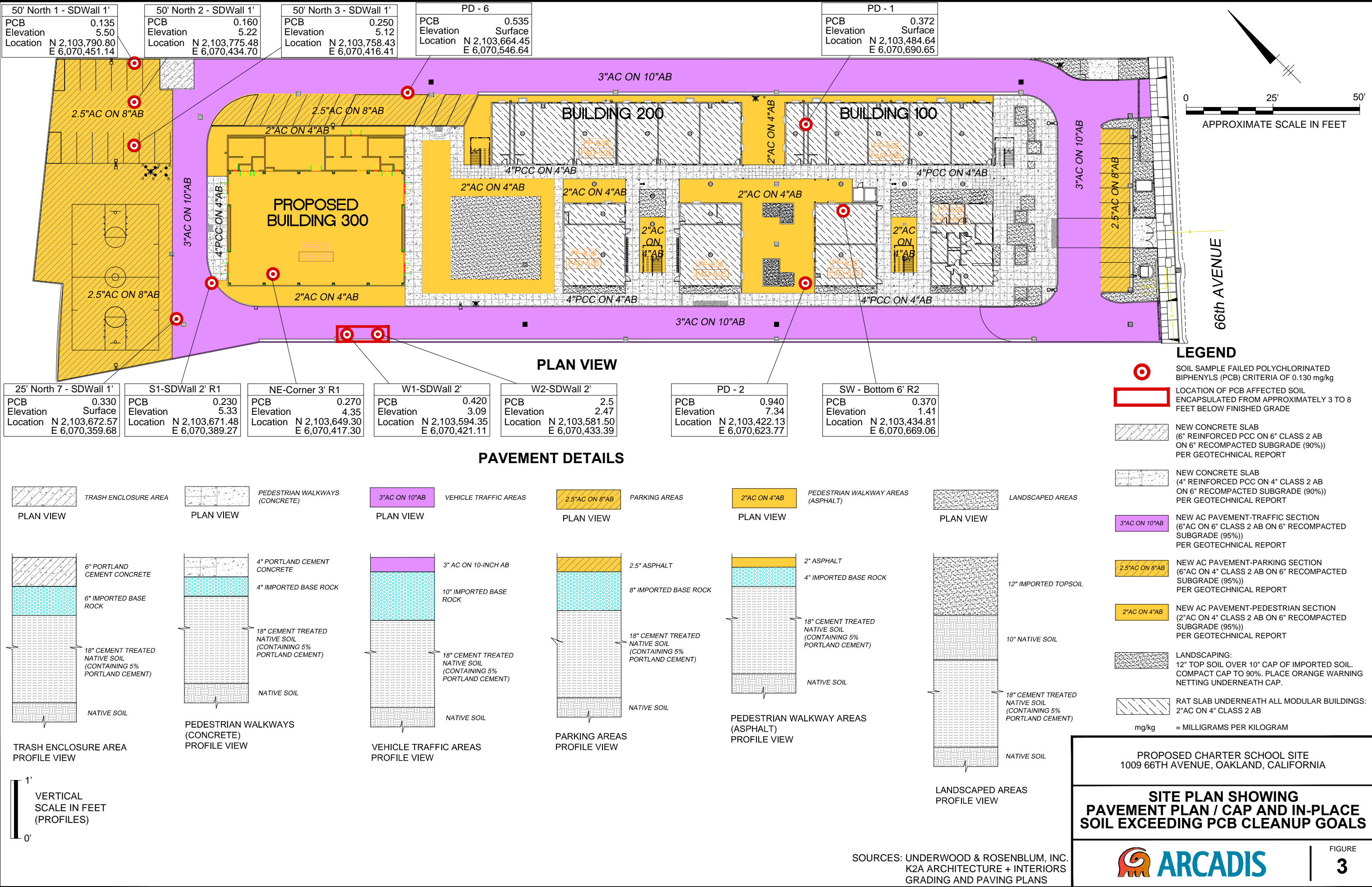
PROPOSED CHARTER SCHOOL SITE  
1009 66TH AVENUE, OAKLAND, CALIFORNIA

SITE PLAN



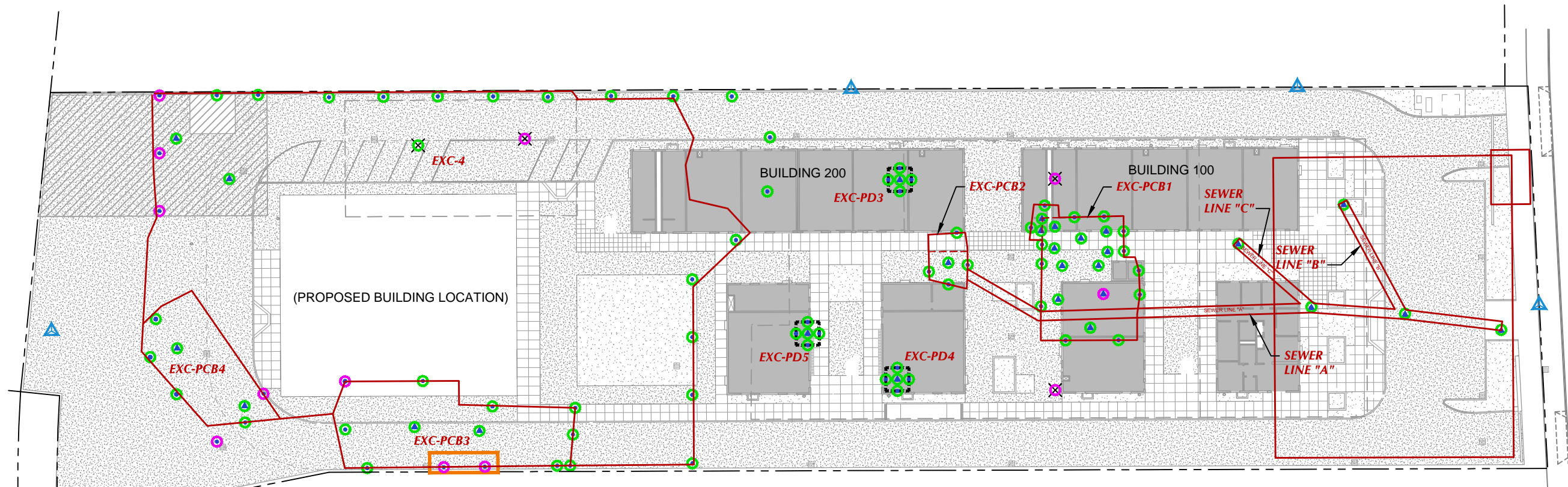


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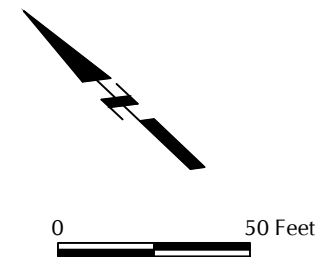


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EXPLANATION:

- Property Line
- Former Warehouse Building
- Area of Excavation
- Reported Area of Excavation of PCB-Affected Soil in 1992
- Air Monitoring Station
- Sidewall Confirmation Sample Location and ID
- Bottom Confirmation Sample Location and ID
- Post Demolition Surface Soil Sample
- Passed Polychlorinated Biphenyls (PCB) Criteria of 0.130 mg/kg
- Failed PCB Criteria of 0.130 mg/kg
- Location of PCB Affected Soil Encapsulated from Approximately 3 to 8 Feet Below Finished Grade
- EXC-PD5
- Post Demolition Excavation Areas. Excavated Soil Encapsulated in EXC PCB3.



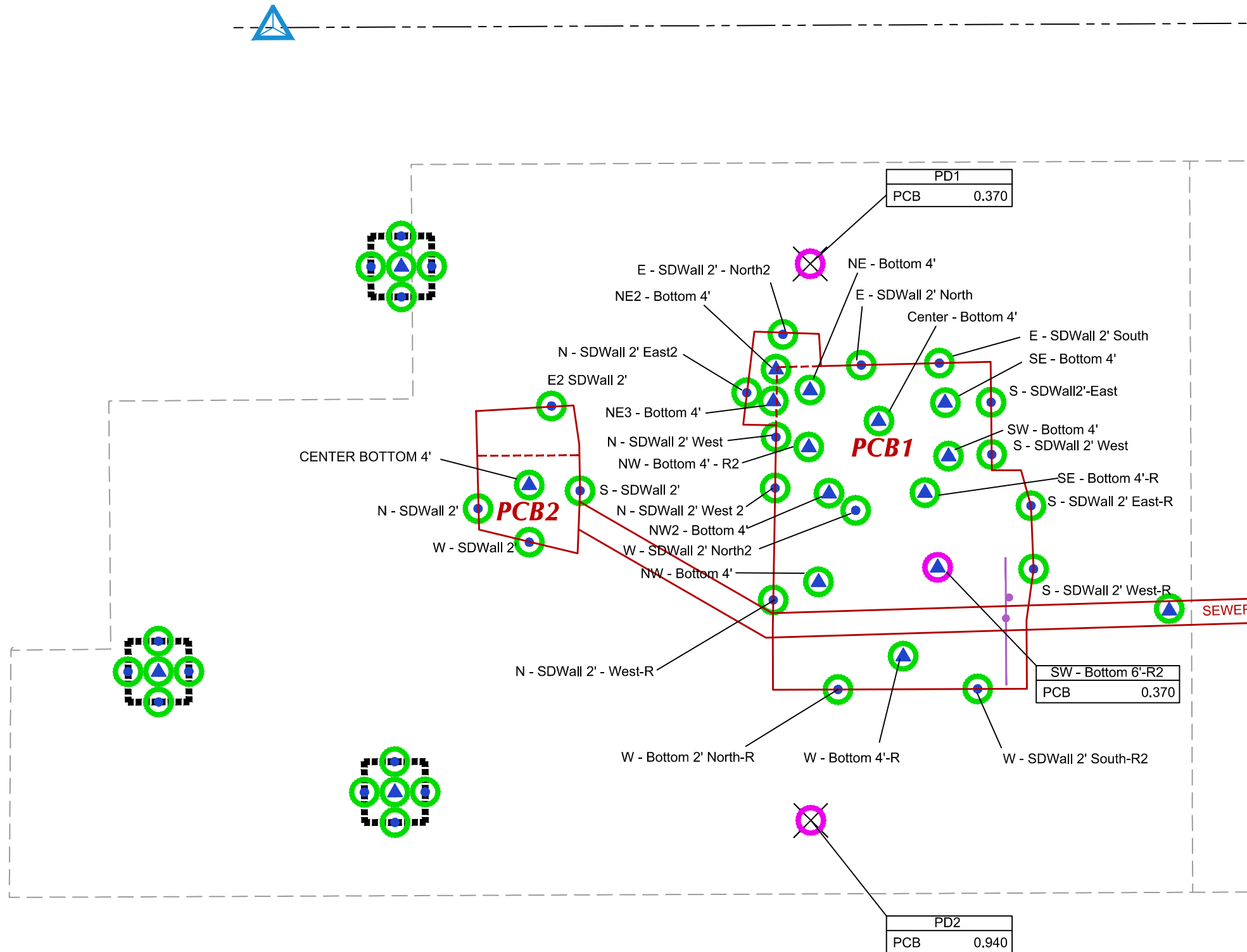
PROPOSED CHARTER SCHOOL SITE  
1009 66TH AVENUE, OAKLAND, CALIFORNIA

IN-PLACE SOIL SAMPLES COMPARED TO  
PCB CLEANUP GOALS





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PROPOSED CHARTER SCHOOL SITE  
1009 66TH AVENUE, OAKLAND, CALIFORNIA

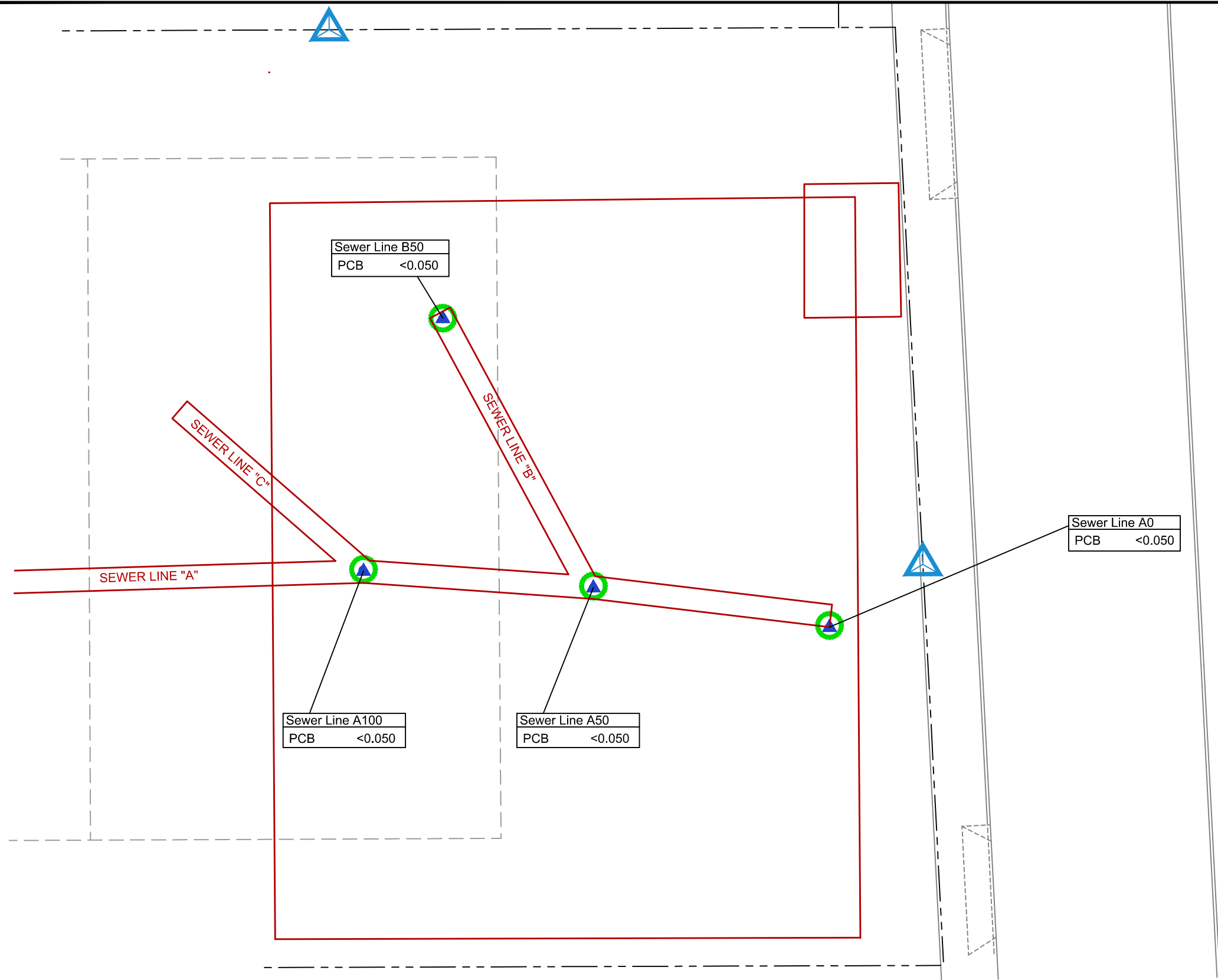
## EXCAVATIONS PCB-1 AND PCB-2 SOIL SAMPLES COMPARED TO PCB CLEANUP GOALS



FIGURE  
5A



CITY:(Reqd) DIV:(GROUP:(Reqd) DE:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON="":OFF="REF"  
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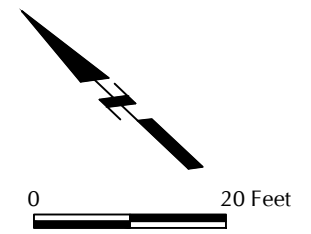
EXPLANATION:

- Property Line
- Former Warehouse Building
- Excavation
- Air Monitoring Station
- Sidewall Confirmation Sample Location
- Bottom Confirmation Sample Location
- Failed Lead Cleanup Criteria of 80 mg/kg

EXC2-FINAL SW	Sample ID
PCB	35

Concentration in milligrams per kilogram

Analyte



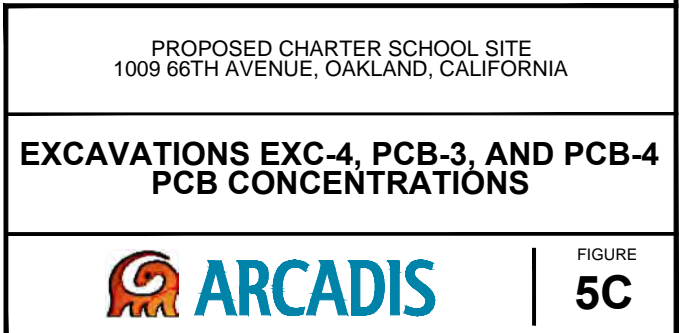
PROPOSED CHARTER SCHOOL SITE  
1009 66TH AVENUE, OAKLAND, CALIFORNIA

**EXCAVATIONS EXC1 AND EXC2  
PCB CONCENTRATIONS**

**ARCADIS**

FIGURE  
**5B**







Attachment 1

Laboratory Analytical Data for  
Soil Samples

(provided on Compact Disk)



Attachment 2

Revised Human Health Risk  
Evaluation



Human Health Risk Screen  
Comparison to Health Based Goals  
Aspire School  
Oakland, California  
Concentrations in milligrams per kilogram

COPC	Cleanup Goal	Post Removal Action Representative Concentration	Estimated Risk Based on Representative Concentration	Estimated Hazard Based on Representative Concentration
TPHd	450	138	--	0.31
TPHmo	800	894	--	1.1
benzo(a)pyrene	0.13	NA	NA	NA
Benzo(a)anthracene	1.3	NA	NA	NA
Benzo(k)fluoranthene	1.3	0.11	8.E-08	--
chrysene*	21	0.19	9.E-09	--
Naphthalene	2.8	NA	NA	NA
Benzene*	0.27	0.012	4.E-08	0.04
Arsenic	7	8.8	--	NA
Lead	80	62	--	NA
PCBs	0.13	0.17	1.3E-06	1.3
Totals			1.4E-06	3.E+00

\* Fewer than 6 detections; maximum concentration used for representative concentration  
NA = not applicable, no detections above analytical reporting limits

COPC = chemical of potential concern  
TPH = total petroleum hydrocarbon



# General UCL Statistics for Full Data Sets

## User Selected Options

From File                      WorkSheet.wst  
Full Precision                OFF  
Confidence Coefficient        95%  
Number of Bootstrap Operations    2000

PCBs in Place at Aspire May 2012

## General Statistics

Number of Valid Observations                      71    Number of Distinct Observations                      18

## Raw Statistics

Minimum	0.01	Log-transformed Statistics	
Maximum	0.94	Minimum of Log Data	-4.605
Mean	0.0863	Maximum of Log Data	-0.0619
Median	0.03	Mean of log Data	-3.248
SD	0.162	SD of log Data	1.077
Coefficient of Variation	1.872		
Skewness	3.473		

## Relevant UCL Statistics

Normal Distribution Test		Lognormal Distribution Test	
Lilliefors Test Statistic	0.411	Lilliefors Test Statistic	0.369
Lilliefors Critical Value	0.105	Lilliefors Critical Value	0.105
Data not Normal at 5% Significance Level		Data not Lognormal at 5% Significance Level	

## Assuming Normal Distribution

95% Student's-t UCL	0.118	Assuming Lognormal Distribution	
95% UCLs (Adjusted for Skewness)		95% H-UCL	0.0936
95% Adjusted-CLT UCL (Chen-1995)	0.126	95% Chebyshev (MVUE) UCL	0.115
95% Modified-t UCL (Johnson-1978)	0.12	97.5% Chebyshev (MVUE) UCL	0.135
		99% Chebyshev (MVUE) UCL	0.174

## Gamma Distribution Test

k star (bias corrected)	0.727	Data Distribution	
Theta Star	0.119	Data do not follow a Discernable Distribution (0.05)	
MLE of Mean	0.0863		
MLE of Standard Deviation	0.101		
nu star	103.3		
Approximate Chi Square Value (.05)	80.82	Nonparametric Statistics	
Adjusted Level of Significance	0.0466	95% CLT UCL	0.118
Adjusted Chi Square Value	80.41	95% Jackknife UCL	0.118
		95% Standard Bootstrap UCL	0.117
Anderson-Darling Test Statistic	10.43	95% Bootstrap-t UCL	0.134
Anderson-Darling 5% Critical Value	0.793	95% Hall's Bootstrap UCL	0.131
Kolmogorov-Smirnov Test Statistic	0.419	95% Percentile Bootstrap UCL	0.12
Kolmogorov-Smirnov 5% Critical Value	0.11	95% BCA Bootstrap UCL	0.128
Data not Gamma Distributed at 5% Significance Level		95% Chebyshev(Mean, Sd) UCL	0.17
		97.5% Chebyshev(Mean, Sd) UCL	0.206
Assuming Gamma Distribution		99% Chebyshev(Mean, Sd) UCL	0.277
95% Approximate Gamma UCL	0.11		
95% Adjusted Gamma UCL	0.111		

## Potential UCL to Use

Use 95% Chebyshev (Mean, Sd) UCL                      0.17



In-Place PCB Samples  
Aspire School Site  
Oakland, California

ProUCL processed

Sample ID	Date Sampled	PCBs mg/kg
EXC-PCB-1 N-SIDEWALL 2' WEST 2	11/10/2009	0.07
EXC-PCB-1 S-SIDEWALL 2' EAST	11/4/2009	0.03
EXC-PCB-1 S-SIDEWALL 2' WEST	11/4/2009	0.03
EXC-PCB-1 N-SIDEWALL 2' WEST	11/6/2009	0.03
EXC-PCB1 N-SDWALL-2'-EAST2	11/11/2009	0.03
EXC-PCB-1 E-SIDEWALL 2' NORTH	11/6/2009	0.03
EXC-PCB-1 E-SIDEWALL 2' SOUTH	11/6/2009	0.03
EXC-PCB1 E-SDWALL-2'-NORTH2	11/11/2009	0.03
EXC TPH/PCB1 S-SDWALL2'-EAST-R	11/18/2009	0.03
EXC TPH/PCB1 N-SDWALL2'-WEST-R	11/21/2009	0.03
EXC TPH/PCB1 S-SDWALL2'-WEST-R	11/18/2009	0.03
EXC TPH/PCB1 W-SDWALL2'-SOUTH-R2	11/24/2009	0.03
EXC TPH/PCB1W-SDWALL2'-NORTH-R	11/24/2009	0.03
EXC-PCB-2 W-SIDEWALL 2'	11/4/2009	0.03
EXC-PCB-2 E2-SIDEWALL 2'	11/10/2009	0.03
EXC-PCB-2 S-SIDEWALL 2'	11/4/2009	0.03
EXC-PCB-2 N-SIDEWALL 2'	11/4/2009	0.03
EXC PCB3-E1-SDWALL2'R1	12/8/2009	0.03
EXC PCB3-E2-SDWALL2'	11/23/2009	0.03
EXC PCB3-W3-SDWALL2'	11/23/2009	0.03
EXC PCB4-N-SDWALL2'	11/21/2009	0.08
EXC-PCB4-N2-SDWALL2'	11/21/2009	0.03
EXC PCB4-S1-SDWALL2'R1	12/8/2009	0.23
EXC PCB4-W-SDWALL2'R1	12/8/2009	0.07
EXC PCB4-E-SDWALL2'	11/21/2009	0.12
EXC4-50'NORTH3-SDWALL1'-R	11/30/09	0.25
EXC4-SOUTH3-SDWALL1'	11/21/09	0.03
EXC4-SOUTH4-SDWALL1'	11/21/09	0.02
EXC4-SOUTH5-SDWALL1'	11/21/09	0.03
EXC4-SOUTH6-SDWALL1'	11/21/09	0.03
EXC4-SOUTH7-SDWALL1'	11/21/09	0.03
EXC-4-South-4A-SDWALL1'	11/30/09	0.03
EXC-4-South-4B-SDWALL1'	11/30/09	0.03
EXC4-EAST1-SDWALL1'	11/21/09	0.69
EXC4-EAST2--SDWALL1'	11/19/09	0.03
EXC4-EAST3--SDWALL1'	11/19/09	0.03
EXC4-EAST4--SDWALL1'	11/19/09	0.03
EXC4-EAST5--SDWALL1'	11/19/09	0.03
EXC4--25'-North7-SDWall--SDWALL1'	11/19/09	0.33
EXC4-EAST6-SDWALL1'	11/21/09	0.03



EXC4-EAST7-SDWALL1'	11/21/09	0.03
EXC4-EAST8-SDWALL1'	11/21/09	0.03
PD-1	05/28/10	0.37
PD-2	05/28/10	0.94
PD-3	05/28/10	0.34
PD-4	05/28/10	0.32
PD-5	05/28/10	0.21
PD-6	05/28/10	0.54
PD-7	05/28/10	0.10
Sewerline A-0	3/24/2010	0.03
Sewerline A-50	3/24/2010	0.03
Sewerline A-100	3/25/2010	0.03
Sewerline B-50	3/25/2010	0.03
Sewerline C-50	3/26/2010	0.03
PD3-EXC-NORTH 2'	10/27/2010	0.01
PD3-EXC-SOUTH 2'	10/27/2010	0.01
PD3-EXC-EAST 2'	10/27/2010	0.01
PD3-EXC-WEST 2'	10/27/2010	0.01
PD3-EXC-BOTTOM 2'	10/27/2010	0.01
PD3-EXC-NORTH 2'	10/27/2010	0.01
PD4-EXC-SOUTH 2'	10/27/2010	0.01
PD4-EXC-EAST 2'	10/27/2010	0.02
PD4-EXC-WEST 2'	10/27/2010	0.01
PD4-EXC-BOTTOM 2'	10/27/2010	0.06
PD5-EXC-NORTH 2'	10/27/2010	0.01
PD5-EXC-SOUTH 2'	10/27/2010	0.01
PD5-EXC-EAST 2'	10/27/2010	0.01
PD5-EXC-WEST 2'	10/27/2010	0.03
PD5-EXC-BOTTOM 2'	10/27/2010	0.03
EXC PCB3-N-SDWALL2'R1	12/8/2009	0.03
EXC-4-South-4C-SDWALL1'	11/30/09	0.03



Attachment 3

Laboratory Analytical Data  
Report for Imported Soils



## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica San Francisco

1220 Quarry Lane

Pleasanton, CA 94566

Tel: (925)484-1919

TestAmerica Job ID: 720-36756-1

Client Project/Site: Aspire Oakland

For:

ARCADIS U.S., Inc

2000 Powell Street 7th Floor

Emeryville, California 94608-1827

Attn: Mr. Ron Goloubow



Authorized for release by:

08/09/2011 12:54:54 PM

Afsaneh Salimpour

Project Manager I

[afsaneh.salimpour@testamericainc.com](mailto:afsaneh.salimpour@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*



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## Definitions/Glossary

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

### Qualifiers

#### GC/MS VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.



# Case Narrative

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

**Job ID: 720-36756-1**

**Laboratory: TestAmerica San Francisco**

## Narrative

### Job Narrative 720-36756-1

#### Comments

No additional comments.

#### Receipt

All samples were received in good condition within temperature requirements.

#### GC/MS VOA

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for sample -1 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

#### GC VOA

No analytical or quality issues were noted.

#### GC Semi VOA

Method(s) 8082A: The continuing calibration verifications (CCVs) for analytical batch 121853 exceeded control criteria for Aroclor 1260 on the confirmation column. All CCVs were in on the primary column and <40%D between columns for target compounds detected.LS-2 (720-36756-2)

No other analytical or quality issues were noted.

#### Metals

No analytical or quality issues were noted.

#### Organic Prep

No analytical or quality issues were noted.



## Detection Summary

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

### Client Sample ID: LS-1

Lab Sample ID: 720-36756-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8		0.98		mg/Kg	1		6010B	Total/NA
Lead	2.6		0.49		mg/Kg	1		6010B	Total/NA

### Client Sample ID: LS-2

Lab Sample ID: 720-36756-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	24		16		ug/Kg	1		8082A	Total/NA
Arsenic	2.0		0.88		mg/Kg	1		6010B	Total/NA
Lead	4.1		0.44		mg/Kg	1		6010B	Total/NA

### Client Sample ID: LS-2D

Lab Sample ID: 720-36756-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.1		0.88		mg/Kg	1		6010B	Total/NA
Lead	4.7		0.44		mg/Kg	1		6010B	Total/NA



# Client Sample Results

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: LS-1

Date Collected: 08/04/11 14:35

Date Received: 08/05/11 10:30

Lab Sample ID: 720-36756-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0		ug/Kg			08/08/11 09:19	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		69 - 120					08/08/11 09:19	1
Toluene-d8 (Surr)	84		69 - 122					08/08/11 09:19	1
4-Bromofluorobenzene (Surr)	79		67 - 120					08/08/11 09:19	1
Dibromofluoromethane	80		69 - 120					08/08/11 09:19	1

Client Sample ID: LS-2

Date Collected: 08/04/11 14:37

Date Received: 08/05/11 10:30

Lab Sample ID: 720-36756-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0		ug/Kg			08/08/11 10:37	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		69 - 120					08/08/11 10:37	1
Toluene-d8 (Surr)	84		69 - 122					08/08/11 10:37	1
4-Bromofluorobenzene (Surr)	79		67 - 120					08/08/11 10:37	1
Dibromofluoromethane	82		69 - 120					08/08/11 10:37	1

Client Sample ID: LS-2D

Date Collected: 08/04/11 14:37

Date Received: 08/05/11 10:30

Lab Sample ID: 720-36756-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0		ug/Kg			08/08/11 11:03	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		69 - 120					08/08/11 11:03	1
Toluene-d8 (Surr)	89		69 - 122					08/08/11 11:03	1
4-Bromofluorobenzene (Surr)	76		67 - 120					08/08/11 11:03	1
Dibromofluoromethane	83		69 - 120					08/08/11 11:03	1



# Client Sample Results

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

## Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: LS-1

Date Collected: 08/04/11 14:35

Date Received: 08/05/11 10:30

Lab Sample ID: 720-36756-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	ND		20		ug/Kg			08/06/11 14:37	1
-C5-C12									
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	84		51 - 117					08/06/11 14:37	1
a,a,a-Trifluorotoluene	93		64 - 116					08/06/11 14:37	1

Client Sample ID: LS-2

Date Collected: 08/04/11 14:37

Date Received: 08/05/11 10:30

Lab Sample ID: 720-36756-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	ND		20		ug/Kg			08/06/11 15:13	1
-C5-C12									
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	83		51 - 117					08/06/11 15:13	1
a,a,a-Trifluorotoluene	91		64 - 116					08/06/11 15:13	1

Client Sample ID: LS-2D

Date Collected: 08/04/11 14:37

Date Received: 08/05/11 10:30

Lab Sample ID: 720-36756-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	ND		20		ug/Kg			08/06/11 15:48	1
-C5-C12									
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	83		51 - 117					08/06/11 15:48	1
a,a,a-Trifluorotoluene	92		64 - 116					08/06/11 15:48	1



# Client Sample Results

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: LS-1

Date Collected: 08/04/11 14:35

Date Received: 08/05/11 10:30

Lab Sample ID: 720-36756-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:01	1
PCB-1221	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:01	1
PCB-1232	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:01	1
PCB-1242	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:01	1
PCB-1248	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:01	1
PCB-1254	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:01	1
PCB-1260	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:01	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	85		28 - 124				08/05/11 19:54	08/07/11 19:01	1
DCB Decachlorobiphenyl	94		38 - 130				08/05/11 19:54	08/07/11 19:01	1

Client Sample ID: LS-2

Date Collected: 08/04/11 14:37

Date Received: 08/05/11 10:30

Lab Sample ID: 720-36756-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:15	1
PCB-1221	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:15	1
PCB-1232	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:15	1
PCB-1242	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:15	1
PCB-1248	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:15	1
PCB-1254	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:15	1
PCB-1260	24		16		ug/Kg		08/05/11 19:54	08/07/11 19:15	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	92		28 - 124				08/05/11 19:54	08/07/11 19:15	1
DCB Decachlorobiphenyl	87		38 - 130				08/05/11 19:54	08/07/11 19:15	1

Client Sample ID: LS-2D

Date Collected: 08/04/11 14:37

Date Received: 08/05/11 10:30

Lab Sample ID: 720-36756-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:29	1
PCB-1221	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:29	1
PCB-1232	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:29	1
PCB-1242	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:29	1
PCB-1248	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:29	1
PCB-1254	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:29	1
PCB-1260	ND		16		ug/Kg		08/05/11 19:54	08/07/11 19:29	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	40		28 - 124				08/05/11 19:54	08/07/11 19:29	1
DCB Decachlorobiphenyl	42		38 - 130				08/05/11 19:54	08/07/11 19:29	1



# Client Sample Results

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

## Method: 6010B - Metals (ICP)

Client Sample ID: LS-1  
Date Collected: 08/04/11 14:35  
Date Received: 08/05/11 10:30

Lab Sample ID: 720-36756-1  
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		0.98		mg/Kg		08/05/11 16:38	08/08/11 11:40	1
Lead	2.6		0.49		mg/Kg		08/05/11 16:38	08/08/11 11:40	1

Client Sample ID: LS-2  
Date Collected: 08/04/11 14:37  
Date Received: 08/05/11 10:30

Lab Sample ID: 720-36756-2  
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0		0.88		mg/Kg		08/05/11 16:38	08/08/11 11:46	1
Lead	4.1		0.44		mg/Kg		08/05/11 16:38	08/08/11 11:46	1

Client Sample ID: LS-2D  
Date Collected: 08/04/11 14:37  
Date Received: 08/05/11 10:30

Lab Sample ID: 720-36756-3  
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1		0.88		mg/Kg		08/05/11 16:38	08/08/11 11:52	1
Lead	4.7		0.44		mg/Kg		08/05/11 16:38	08/08/11 11:52	1



# QC Sample Results

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-121855/4

Matrix: Solid

Analysis Batch: 121855

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0		ug/Kg			08/08/11 08:19	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		69 - 120		08/08/11 08:19	1
Toluene-d8 (Surr)	86		69 - 122		08/08/11 08:19	1
4-Bromofluorobenzene (Surr)	85		67 - 120		08/08/11 08:19	1
Dibromofluoromethane	82		69 - 120		08/08/11 08:19	1

Lab Sample ID: LCS 500-121855/5

Matrix: Solid

Analysis Batch: 121855

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	50.0	43.0		ug/Kg		86	74 - 112

Surrogate	LCS % Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	81		69 - 120
Toluene-d8 (Surr)	86		69 - 122
4-Bromofluorobenzene (Surr)	84		67 - 120
Dibromofluoromethane	84		69 - 120

Lab Sample ID: 720-36756-1 MS

Matrix: Solid

Analysis Batch: 121855

Client Sample ID: LS-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	ND		50.0	34.0	F	ug/Kg		68	74 - 112

Surrogate	MS % Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		69 - 120
Toluene-d8 (Surr)	90		69 - 122
4-Bromofluorobenzene (Surr)	89		67 - 120
Dibromofluoromethane	86		69 - 120

Lab Sample ID: 720-36756-1 MSD

Matrix: Solid

Analysis Batch: 121855

Client Sample ID: LS-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Benzene	ND		50.0	34.6	F	ug/Kg		69	74 - 112	2	30

Surrogate	MSD % Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		69 - 120
Toluene-d8 (Surr)	89		69 - 122
4-Bromofluorobenzene (Surr)	91		67 - 120
Dibromofluoromethane	85		69 - 120



# QC Sample Results

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

## Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 500-121803/3

Matrix: Solid

Analysis Batch: 121803

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	ND		20		ug/Kg			08/06/11 13:26	1
-C5-C12									
Surrogate	% Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		51 - 117					08/06/11 13:26	1
a,a,a-Trifluorotoluene	102		64 - 116					08/06/11 13:26	1

Lab Sample ID: LCS 500-121803/4

Matrix: Solid

Analysis Batch: 121803

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Gasoline Range Organics (GRO)	400	392		ug/Kg		98	70 - 130
-C5-C12							
Surrogate	% Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene	98		51 - 117				
a,a,a-Trifluorotoluene	101		64 - 116				

Lab Sample ID: LCSD 500-121803/8

Matrix: Solid

Analysis Batch: 121803

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	400	395		ug/Kg		99	70 - 130	1	30
-C5-C12									
Surrogate	% Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene	97		51 - 117						
a,a,a-Trifluorotoluene	100		64 - 116						

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 500-121786/1-A

Matrix: Solid

Analysis Batch: 121853

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121786

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17		ug/Kg		08/05/11 19:54	08/07/11 18:18	1
PCB-1221	ND		17		ug/Kg		08/05/11 19:54	08/07/11 18:18	1
PCB-1232	ND		17		ug/Kg		08/05/11 19:54	08/07/11 18:18	1
PCB-1242	ND		17		ug/Kg		08/05/11 19:54	08/07/11 18:18	1
PCB-1248	ND		17		ug/Kg		08/05/11 19:54	08/07/11 18:18	1
PCB-1254	ND		17		ug/Kg		08/05/11 19:54	08/07/11 18:18	1
PCB-1260	ND		17		ug/Kg		08/05/11 19:54	08/07/11 18:18	1
Surrogate	% Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		28 - 124				08/05/11 19:54	08/07/11 18:18	1
DCB Decachlorobiphenyl	101		38 - 130				08/05/11 19:54	08/07/11 18:18	1

TestAmerica San Francisco



# QC Sample Results

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 500-121786/2-A

Matrix: Solid

Analysis Batch: 121853

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121786

Analyte			Spike	LCS	LCS	Unit	D	% Rec	% Rec.		
			Added	Result	Qualifier			Limits			
PCB-1016			167	148		ug/Kg		89	47 - 117		
PCB-1260			167	159		ug/Kg		95	57 - 122		
Surrogate	LCS		LCS								
	% Recovery	Qualifier									
Tetrachloro-m-xylene	101								28 - 124		
DCB Decachlorobiphenyl	104								38 - 130		

Lab Sample ID: LCSD 500-121786/3-A

Matrix: Solid

Analysis Batch: 121853

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121786

			Spike	LCSD	LCSD				% Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	% Rec	Limits	RPD	Limit
PCB-1016			167	141		ug/Kg		85	47 - 117	4	30
PCB-1260			167	154		ug/Kg		92	57 - 122	3	30
			LCSD	LCSD							
Surrogate	% Recovery	Qualifier	Limits								
Tetrachloro-m-xylene	94		28 - 124								
DCB Decachlorobiphenyl	103		38 - 130								

## Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-121768/1-A

Matrix: Solid

Analysis Batch: 121943

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121768

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	ND		1.0		mg/Kg		08/05/11 16:38	08/08/11 11:21	1
Lead	ND		0.50		mg/Kg		08/05/11 16:38	08/08/11 11:21	1

Lab Sample ID: LCS 500-121768/2-A

Matrix: Solid

Analysis Batch: 121943

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121768

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits	
Arsenic	10.0	9.40		mg/Kg		94	80 - 120	
Lead	10.0	10.2		mg/Kg		102	80 - 120	



# QC Association Summary

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

## GC/MS VOA

### Analysis Batch: 121855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-121855/4	Method Blank	Total/NA	Solid	8260B	
LCS 500-121855/5	Lab Control Sample	Total/NA	Solid	8260B	
720-36756-1	LS-1	Total/NA	Solid	8260B	
720-36756-1 MS	LS-1	Total/NA	Solid	8260B	
720-36756-1 MSD	LS-1	Total/NA	Solid	8260B	
720-36756-2	LS-2	Total/NA	Solid	8260B	
720-36756-3	LS-2D	Total/NA	Solid	8260B	

## GC VOA

### Analysis Batch: 121803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-121803/3	Method Blank	Total/NA	Solid	8015B	
LCS 500-121803/4	Lab Control Sample	Total/NA	Solid	8015B	
720-36756-1	LS-1	Total/NA	Solid	8015B	
720-36756-2	LS-2	Total/NA	Solid	8015B	
720-36756-3	LS-2D	Total/NA	Solid	8015B	
LCSD 500-121803/8	Lab Control Sample Dup	Total/NA	Solid	8015B	

## GC Semi VOA

### Prep Batch: 121786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-121786/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-121786/2-A	Lab Control Sample	Total/NA	Solid	3541	
LCSD 500-121786/3-A	Lab Control Sample Dup	Total/NA	Solid	3541	
720-36756-1	LS-1	Total/NA	Solid	3541	
720-36756-2	LS-2	Total/NA	Solid	3541	
720-36756-3	LS-2D	Total/NA	Solid	3541	

### Analysis Batch: 121853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-121786/1-A	Method Blank	Total/NA	Solid	8082A	121786
LCS 500-121786/2-A	Lab Control Sample	Total/NA	Solid	8082A	121786
LCSD 500-121786/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	121786
720-36756-1	LS-1	Total/NA	Solid	8082A	121786
720-36756-2	LS-2	Total/NA	Solid	8082A	121786
720-36756-3	LS-2D	Total/NA	Solid	8082A	121786

## Metals

### Prep Batch: 121768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-121768/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-121768/2-A	Lab Control Sample	Total/NA	Solid	3050B	
720-36756-1	LS-1	Total/NA	Solid	3050B	
720-36756-2	LS-2	Total/NA	Solid	3050B	
720-36756-3	LS-2D	Total/NA	Solid	3050B	



## QC Association Summary

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

### Metals (Continued)

#### Analysis Batch: 121943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-121768/1-A	Method Blank	Total/NA	Solid	6010B	121768
LCS 500-121768/2-A	Lab Control Sample	Total/NA	Solid	6010B	121768
720-36756-1	LS-1	Total/NA	Solid	6010B	121768
720-36756-2	LS-2	Total/NA	Solid	6010B	121768
720-36756-3	LS-2D	Total/NA	Solid	6010B	121768



# Lab Chronicle

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

## Client Sample ID: LS-1

Lab Sample ID: 720-36756-1

Date Collected: 08/04/11 14:35

Matrix: Solid

Date Received: 08/05/11 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	121855	08/08/11 09:19	BDW	TAL CHI
Total/NA	Analysis	8015B		1	121803	08/06/11 14:37	WRE	TAL CHI
Total/NA	Prep	3541			121786	08/05/11 19:54	JP	TAL CHI
Total/NA	Analysis	8082A		1	121853	08/07/11 19:01	GMO	TAL CHI
Total/NA	Prep	3050B			121768	08/05/11 16:38	PJ	TAL CHI
Total/NA	Analysis	6010B		1	121943	08/08/11 11:40	TDS	TAL CHI

## Client Sample ID: LS-2

Lab Sample ID: 720-36756-2

Date Collected: 08/04/11 14:37

Matrix: Solid

Date Received: 08/05/11 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	121855	08/08/11 10:37	BDW	TAL CHI
Total/NA	Analysis	8015B		1	121803	08/06/11 15:13	WRE	TAL CHI
Total/NA	Prep	3541			121786	08/05/11 19:54	JP	TAL CHI
Total/NA	Analysis	8082A		1	121853	08/07/11 19:15	GMO	TAL CHI
Total/NA	Prep	3050B			121768	08/05/11 16:38	PJ	TAL CHI
Total/NA	Analysis	6010B		1	121943	08/08/11 11:46	TDS	TAL CHI

## Client Sample ID: LS-2D

Lab Sample ID: 720-36756-3

Date Collected: 08/04/11 14:37

Matrix: Solid

Date Received: 08/05/11 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	121855	08/08/11 11:03	BDW	TAL CHI
Total/NA	Analysis	8015B		1	121803	08/06/11 15:48	WRE	TAL CHI
Total/NA	Prep	3541			121786	08/05/11 19:54	JP	TAL CHI
Total/NA	Analysis	8082A		1	121853	08/07/11 19:29	GMO	TAL CHI
Total/NA	Prep	3050B			121768	08/05/11 16:38	PJ	TAL CHI
Total/NA	Analysis	6010B		1	121943	08/08/11 11:52	TDS	TAL CHI

### Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200



# Certification Summary

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica San Francisco	California	State Program	9	2496
TestAmerica Chicago	ACCLASS	DoD ELAP		ADE-1429
TestAmerica Chicago	ACCLASS	ISO/IEC 17025		AT-1428
TestAmerica Chicago	Alabama	State Program	4	40461
TestAmerica Chicago	California	NELAC	9	01132CA
TestAmerica Chicago	Florida	NELAC	4	E871072
TestAmerica Chicago	Georgia	Georgia EPD	4	N/A
TestAmerica Chicago	Georgia	State Program	4	939
TestAmerica Chicago	Hawaii	State Program	9	N/A
TestAmerica Chicago	Illinois	NELAC	5	100201
TestAmerica Chicago	Indiana	State Program	5	C-IL-02
TestAmerica Chicago	Iowa	State Program	7	82
TestAmerica Chicago	Kansas	NELAC	7	E-10161
TestAmerica Chicago	Kentucky	Kentucky UST	4	66
TestAmerica Chicago	Kentucky	State Program	4	90023
TestAmerica Chicago	Louisiana	NELAC	6	30720
TestAmerica Chicago	Massachusetts	State Program	1	M-IL035
TestAmerica Chicago	Mississippi	State Program	4	N/A
TestAmerica Chicago	North Carolina	North Carolina DENR	4	291
TestAmerica Chicago	Oklahoma	State Program	6	8908
TestAmerica Chicago	South Carolina	State Program	4	77001
TestAmerica Chicago	Texas	NELAC	6	T104704252-09-TX
TestAmerica Chicago	USDA	USDA		P330-09-00027
TestAmerica Chicago	Virginia	NELAC Secondary AB	3	460142
TestAmerica Chicago	Wisconsin	State Program	5	999580010
TestAmerica Chicago	Wyoming	State Program	8	8TMS-Q

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.



## Method Summary

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8015B	Gasoline Range Organics - (GC)	SW846	TAL CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
6010B	Metals (ICP)	SW846	TAL CHI

### Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200



Sample Summary

Client: ARCADIS U.S., Inc  
Project/Site: Aspire Oakland

TestAmerica Job ID: 720-36756-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-36756-1	LS-1	Solid	08/04/11 14:35	08/05/11 10:30
720-36756-2	LS-2	Solid	08/04/11 14:37	08/05/11 10:30
720-36756-3	LS-2D	Solid	08/04/11 14:37	08/05/11 10:30

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ARCADIS  
infrastructure, environment, buildings

ID#:

CHAIN OF CUSTODY & LABORATORY  
ANALYSIS REQUEST FORM

Page 1 of 1

Lab Work Order #

720-36756

Send Results to:		City		State		Zip		Telephone		Fax		E-mail Address:		Project #:		Sample/Project Name:		Sample ID		Collection Date		Time		Type (✓)		Matrix		Preservative		Filtered (✓)		# of Containers		Container Information		PARAMETER ANALYSIS & METHOD		Preservation Key:		Container Information Key:		Matrix Key:		Remarks	
Arcadis - Pon G		2000 Powell #700		San Francisco		94102		510 546 9550				con.golobow@arcadis-us.com		8/4/11		LS-1		8/4/11 1435						Soil		X		PCBS		X		8280A												LELer TAP	
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## Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc

Job Number: 720-36756-1

Login Number: 36756

List Source: TestAmerica San Francisco

List Number: 1

Creator: Mullen, Joan

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	



## Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc

Job Number: 720-36756-1

Login Number: 36756

List Source: TestAmerica Chicago

List Number: 1

List Creation: 08/05/11 12:38 PM

Creator: Lunt, Jeff T

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	



Attachment 4

Waste Disposal Information



**PCB-Affected TSCA Soil Disposal Summary  
Waste Management Kettleman Hills Landfill  
Aspire School  
Oakland, California**

<b>Date Received</b>	<b>Manifest #</b>	<b>Net Tons</b>
11/19/2009	006299826	21.66
11/19/2009	006299827	22.66
11/19/2009	006299829	24.88
11/19/2009	006299830	29.59
11/19/2009	006299831	23.51
11/19/2009	006299832	23.99
11/20/2009	006299828	25.77
11/20/2009	006299833	15.08
11/20/2009	006299834	18.84
12/29/2009	005417898	21.10
12/29/2009	005417899	24.39
12/29/2009	005417900	22.94
12/29/2009	005417901	23.07
12/29/2009	005417927	25.50
12/29/2009	005417928	25.52
12/29/2009	005417929	24.71
12/29/2009	005417930	28.65
12/29/2009	005417931	24.35
12/29/2009	005417932	24.76
12/29/2009	005417933	22.12
12/10/2009	006299813	22.68
12/10/2009	006299814	23.64
12/10/2009	006299815	24.20
12/10/2009	006299816	29.31
12/10/2009	006299817	22.19
12/11/2009	006299812	26.63
12/30/2009	005417902	26.38
12/30/2009	005417904	24.76
12/30/2009	005417905	22.79
12/30/2009	005417916	24.42
12/30/2009	005417917	24.57
12/30/2009	005417918	25.54
12/30/2009	005417919	23.30
12/30/2009	005417920	27.75
12/30/2009	005417921	28.04
12/30/2009	005417922	23.63
12/30/2009	005417923	24.63
12/30/2009	005417924	25.31
12/30/2009	005417925	23.31



**PCB-Affected TSCA Soil Disposal Summary**  
**Waste Management Kettleman Hills Landfill**  
**Aspire School**  
**Oakland, California**

<b>Date Received</b>	<b>Manifest #</b>	<b>Net Tons</b>
12/30/2009	005417926	22.64
3/25/2010	005417523	24.19
3/25/2010	005417529	26.8
3/25/2010	005417530	23.42
3/26/2010	005417531	22.66
3/26/2010	005417532	24.15
3/26/2010	005417528	23.16
3/26/2010	005417527	25.68
3/26/2010	005417526	26.06
3/26/2010	005417525	23.67
3/26/2010	005417524	22.35
8/5/2010	005417521	22.57
8/5/2010	005417522	24.41
8/5/2010	005417534	22.92
<b>Total Tons PCB-Affected Soil</b>		<b>1280.85</b>



Kettleman Hills Landfill Summary  
(Non-RCRA and TSCA Soil) and  
TSCA Manifests





Arr Date	Manifest	Profile	RCV Gross Weight	RCV Tare Weight	RCV Net Weight	Net Tons	Gen. Name
2/9/2010	005418601JJK	CA579061	87020	30900	56120	28.06	ASPIRE PUBLIC SCHOOLS
	005418602JJK	CA579061	87700	30560	57140	28.57	ASPIRE PUBLIC SCHOOLS
	005418603JJK	CA579061	78660	28820	49840	24.92	ASPIRE PUBLIC SCHOOLS
	005418604JJK	CA579061	80080	30560	49520	24.76	ASPIRE PUBLIC SCHOOLS
	005418605JJK	CA579061	76460	29660	46800	23.4	ASPIRE PUBLIC SCHOOLS
	005418606JJK	CA579061	81580	31600	49980	24.99	ASPIRE PUBLIC SCHOOLS
	005418608JJK	CA579061	81320	33420	47900	23.95	ASPIRE PUBLIC SCHOOLS
	005418609JJK	CA579061	78460	31720	46740	23.37	ASPIRE PUBLIC SCHOOLS
	005418622JJK	CA579061	79800	30540	49260	24.63	ASPIRE PUBLIC SCHOOLS
	005418623JJK	CA579061	77580	33100	44480	22.24	ASPIRE PUBLIC SCHOOLS
	005418624JJK	CA579061	74900	32900	42000	21	ASPIRE PUBLIC SCHOOLS
TOTAL					539780	269.89	
COUNT	11						
2/10/2010	005418572JJK	CA579061	88200	33760	54440	27.22	ASPIRE PUBLIC SCHOOLS
	005418573JJK	CA579061	79120	28860	50260	25.13	ASPIRE PUBLIC SCHOOLS
	005418574JJK	CA579061	80340	33700	46640	23.32	ASPIRE PUBLIC SCHOOLS
	005418575JJK	CA579061	75740	34140	41600	20.8	ASPIRE PUBLIC SCHOOLS
	005418576JJK	CA579061	80980	33280	47700	23.85	ASPIRE PUBLIC SCHOOLS
	005418577JJK	CA579061	78120	29760	48360	24.18	ASPIRE PUBLIC SCHOOLS
	005418578JJK	CA579061	80160	31620	48540	24.27	ASPIRE PUBLIC SCHOOLS
	005418579JJK	CA579061	81000	31040	49960	24.98	ASPIRE PUBLIC SCHOOLS
	005418580JJK	CA579061	81820	30580	51240	25.62	ASPIRE PUBLIC SCHOOLS
	005418581JJK	CA579061	79680	29280	50400	25.2	ASPIRE PUBLIC SCHOOLS
	005418582JJK	CA579061	78380	30380	48000	24	ASPIRE PUBLIC SCHOOLS
	005418583JJK	CA579061	81800	30500	51300	25.65	ASPIRE PUBLIC SCHOOLS
	005418584JJK	CA579061	78700	30020	48680	24.34	ASPIRE PUBLIC SCHOOLS
	005418585JJK	CA579061	76240	32360	43880	21.94	ASPIRE PUBLIC SCHOOLS
	005418607JJK	CA579061	87280	32340	54940	27.47	ASPIRE PUBLIC SCHOOLS
	005418610JJK	CA579061	76340	32780	43560	21.78	ASPIRE PUBLIC SCHOOLS
	005418621JJK	CA579061	96660	32700	63960	31.98	ASPIRE PUBLIC SCHOOLS
TOTAL					843460	421.73	
COUNT	17						



2/11/2010	005418561JJK	CA579061	80260	28860	51400	25.7 ASPIRE PUBLIC SCHOOLS
	005418586JJK	CA579061	80100	32620	47480	23.74 ASPIRE PUBLIC SCHOOLS
	005418587JJK	CA579061	82800	30600	52200	26.1 ASPIRE PUBLIC SCHOOLS
	005418588JJK	CA579061	79840	30400	49440	24.72 ASPIRE PUBLIC SCHOOLS
	005418589JJK	CA579061	75360	32160	43200	21.6 ASPIRE PUBLIC SCHOOLS
	005418590JJK	CA579061	80580	32200	48380	24.19 ASPIRE PUBLIC SCHOOLS
	005418591JJK	CA579061	78920	30100	48820	24.41 ASPIRE PUBLIC SCHOOLS
TOTAL					340920	170.46

COUNT 7

Total Documents:

TOTAL  
COUNT 35

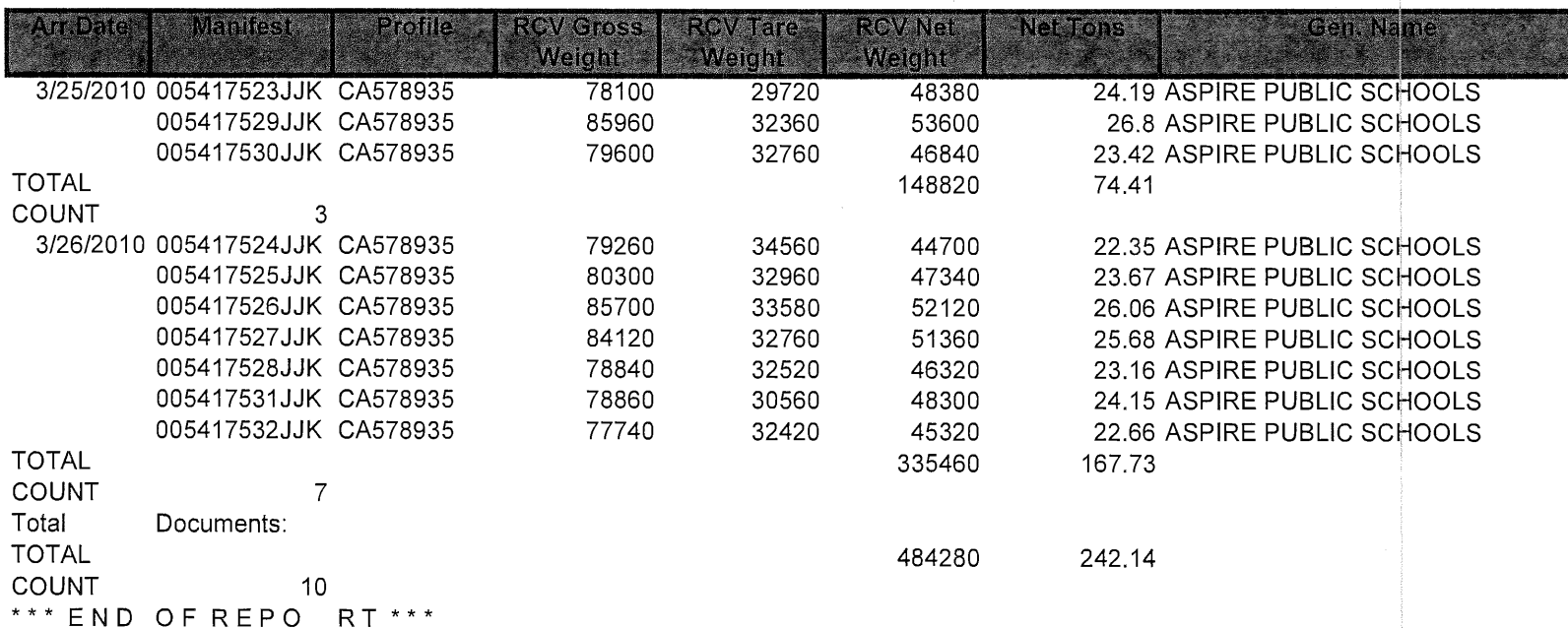
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PAGE 2









Arr.Date	Manifest	Profile	RCV Gross Weight	RCV Tare Weight	RCV Net Weight	Net Tons	Gen. Name
3/25/2010	005417501JJK	CA579061	87400	32740	54660	27.33	ASPIRE PUBLIC SCHOOLS
	005417502JJK	CA579061	80540	30200	50340	25.17	ASPIRE PUBLIC SCHOOLS
	005417503JJK	CA579061	77460	32080	45380	22.69	ASPIRE PUBLIC SCHOOLS
	005417504JJK	CA579061	84600	29520	55080	27.54	ASPIRE PUBLIC SCHOOLS
	005417505JJK	CA579061	78300	30440	47860	23.93	ASPIRE PUBLIC SCHOOLS
	005417506JJK	CA579061	76720	31780	44940	22.47	ASPIRE PUBLIC SCHOOLS
	005417507JJK	CA579061	79820	30180	49640	24.82	ASPIRE PUBLIC SCHOOLS
	005417508JJK	CA579061	78320	29980	48340	24.17	ASPIRE PUBLIC SCHOOLS
	005417509JJK	CA579061	77420	31860	45560	22.78	ASPIRE PUBLIC SCHOOLS
	005417510JJK	CA579061	78320	33040	45280	22.64	ASPIRE PUBLIC SCHOOLS
	005417511JJK	CA579061	73820	29440	44380	22.19	ASPIRE PUBLIC SCHOOLS
	005417512JJK	CA579061	81460	31780	49680	24.84	ASPIRE PUBLIC SCHOOLS
TOTAL					581140	290.57	
COUNT	12						
4/5/2010	005417556JJK	CA579061	77220	30420	46800	23.4	ASPIRE PUBLIC SCHOOLS
	005417557JJK	CA579061	79360	32500	46860	23.43	ASPIRE PUBLIC SCHOOLS
	005417558JJK	CA579061	77320	33140	44180	22.09	ASPIRE PUBLIC SCHOOLS
	005417559JJK	CA579061	80660	30260	50400	25.2	ASPIRE PUBLIC SCHOOLS
	005417560JJK	CA579061	76840	32240	44600	22.3	ASPIRE PUBLIC SCHOOLS
	005417561JJK	CA579061	86900	28700	58200	29.1	ASPIRE PUBLIC SCHOOLS
	005417562JJK	CA579061	86120	30000	56120	28.06	ASPIRE PUBLIC SCHOOLS
	005417563JJK	CA579061	88580	32020	56560	28.28	ASPIRE PUBLIC SCHOOLS
	005417564JJK	CA579061	78640	31760	46880	23.44	ASPIRE PUBLIC SCHOOLS
	005417565JJK	CA579061	77900	30180	47720	23.86	ASPIRE PUBLIC SCHOOLS
	005417566JJK	CA579061	79660	30600	49060	24.53	ASPIRE PUBLIC SCHOOLS
	005417567JJK	CA579061	76460	29520	46940	23.47	ASPIRE PUBLIC SCHOOLS
	005417568JJK	CA579061	72420	32820	39600	19.8	ASPIRE PUBLIC SCHOOLS
	005417569JJK	CA579061	79920	31740	48180	24.09	ASPIRE PUBLIC SCHOOLS
	005417572JJK	CA579061	81420	34560	46860	23.43	ASPIRE PUBLIC SCHOOLS
	005417573JJK	CA579061	82620	31000	51620	25.81	ASPIRE PUBLIC SCHOOLS
TOTAL					780580	390.29	
COUNT	16						



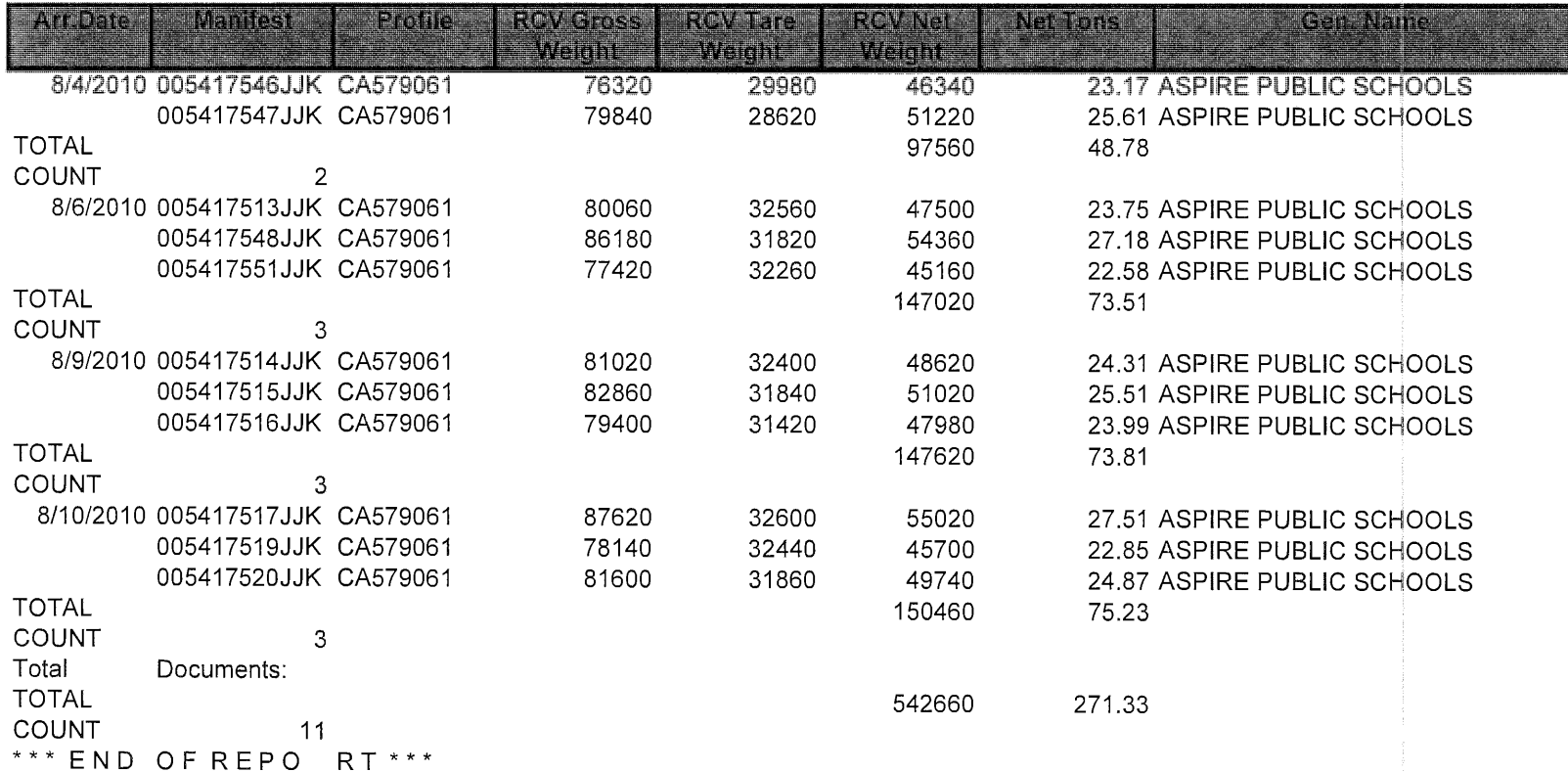
4/6/2010	005417552JJK	CA579061	74900	27820	47080	23.54	ASPIRE PUBLIC SCHOOLS
	005417553JJK	CA579061	85600	33500	52100	26.05	ASPIRE PUBLIC SCHOOLS
	005417554JJK	CA579061	78960	32600	46360	23.18	ASPIRE PUBLIC SCHOOLS
	005417555JJK	CA579061	79340	31240	48100	24.05	ASPIRE PUBLIC SCHOOLS
	005417570JJK	CA579061	80520	30560	49960	24.98	ASPIRE PUBLIC SCHOOLS
	005417571JJK	CA579061	77000	33340	43660	21.83	ASPIRE PUBLIC SCHOOLS
	005417575JJK	CA579061	73340	33480	39860	19.93	ASPIRE PUBLIC SCHOOLS
TOTAL					327120	163.56	
COUNT		7					
Total	Documents:						
TOTAL					1688840	844.42	
COUNT		35					
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Arr.Date	Manifest	Profile	RCV Gross Weight	RCV Tare Weight	RCV Net Weight	Net Tons	Gen. Name
8/5/2010	005417521JJK	CA578935	75720	30580	45140	22.57	ASPIRE PUBLIC SCHOOLS
	005417522JJK	CA578935	76900	28080	48820	24.41	ASPIRE PUBLIC SCHOOLS
	005417534JJK	CA578935	75420	29580	45840	22.92	ASPIRE PUBLIC SCHOOLS
TOTAL					139800	69.9	
COUNT		3					
Total	Documents:						
TOTAL					139800	69.9	
COUNT		3					
*** END OF REPO RT ***							







T: D Haz 2009



Arr.Date	Manifest	Profile	RCV Gross Weight	RCV Tare Weight	RCV Net Weight	Net Tons	Gen. Name
11/19/2009	006299826JJK	CA578935	75280	31960	43320	21.66	ASPIRE PUBLIC SCHOOLS
	006299827JJK	CA578935	77360	32040	45320	22.66	ASPIRE PUBLIC SCHOOLS
	006299829JJK	CA578935	80360	30600	49760	24.88	ASPIRE PUBLIC SCHOOLS
	006299830JJK	CA578935	91200	32020	59180	29.59	ASPIRE PUBLIC SCHOOLS
	006299831JJK	CA578935	76560	29540	47020	23.51	ASPIRE PUBLIC SCHOOLS
	006299832JJK	CA578935	80580	32600	47980	23.99	ASPIRE PUBLIC SCHOOLS
TOTAL					292580	146.29	
COUNT	6						
11/20/2009	006299828JJK	CA578935	81700	30160	51540	25.77	ASPIRE PUBLIC SCHOOLS
	006299833JJK	CA578935	64220	34060	30160	15.08	ASPIRE PUBLIC SCHOOLS
	006299834JJK	CA578935	71340	33660	37680	18.84	ASPIRE PUBLIC SCHOOLS
TOTAL					119380	59.69	
COUNT	3						
12/10/2009	006299813JJK	CA578935	80200	34840	45360	22.68	ASPIRE PUBLIC SCHOOLS
	006299814JJK	CA578935	79820	32540	47280	23.64	ASPIRE PUBLIC SCHOOLS
	006299815JJK	CA578935	78960	30560	48400	24.2	ASPIRE PUBLIC SCHOOLS
	006299816JJK	CA578935	91000	32380	58620	29.31	ASPIRE PUBLIC SCHOOLS
	006299817JJK	CA578935	77000	32620	44380	22.19	ASPIRE PUBLIC SCHOOLS
TOTAL					244040	122.02	
COUNT	5						
12/11/2009	006299812JJK	CA578935	84060	30800	53260	26.63	ASPIRE PUBLIC SCHOOLS
TOTAL					53260	26.63	
COUNT	1						
12/29/2009	005417898JJK	CA578935	74300	32100	42200	21.1	ASPIRE PUBLIC SCHOOLS
	005417899JJK	CA578935	79340	30560	48780	24.39	ASPIRE PUBLIC SCHOOLS
	005417900JJK	CA578935	77360	31480	45880	22.94	ASPIRE PUBLIC SCHOOLS
	005417901JJK	CA578935	80280	34140	46140	23.07	ASPIRE PUBLIC SCHOOLS
	005417927JJK	CA578935	85520	34520	51000	25.5	ASPIRE PUBLIC SCHOOLS
	005417928JJK	CA578935	84100	33060	51040	25.52	ASPIRE PUBLIC SCHOOLS
	005417929JJK	CA578935	81640	32220	49420	24.71	ASPIRE PUBLIC SCHOOLS
	005417930JJK	CA578935	89760	32460	57300	28.65	ASPIRE PUBLIC SCHOOLS
	005417931JJK	CA578935	79700	31000	48700	24.35	ASPIRE PUBLIC SCHOOLS



	005417932JJK	CA578935	80220	30700	49520	24.76	ASPIRE PUBLIC SCHOOLS
	005417933JJK	CA578935	76420	32180	44240	22.12	ASPIRE PUBLIC SCHOOLS
TOTAL					534220	267.11	
COUNT		11					
12/30/2009	005417902JJK	CA578935	80340	27580	52760	26.38	ASPIRE PUBLIC SCHOOLS
	005417904JJK	CA578935	80240	30720	49520	24.76	ASPIRE PUBLIC SCHOOLS
	005417905JJK	CA578935	76440	30860	45580	22.79	ASPIRE PUBLIC SCHOOLS
	005417916JJK	CA578935	82880	34040	48840	24.42	ASPIRE PUBLIC SCHOOLS
#####		41:16:00					
Arr.Date	Manifest	Profile	RCV Gross	RCV Tare	RCV Net	Net Tons	Gen. Name
			Weight	Weight	Weight		
12/30/2009	005417917JJK	CA578935	83660	34520	49140	24.57	ASPIRE PUBLIC SCHOOLS
	005417918JJK	CA578935	84260	33180	51080	25.54	ASPIRE PUBLIC SCHOOLS
	005417919JJK	CA578935	78020	31420	46600	23.3	ASPIRE PUBLIC SCHOOLS
	005417920JJK	CA578935	88000	32500	55500	27.75	ASPIRE PUBLIC SCHOOLS
	005417921JJK	CA578935	88380	32300	56080	28.04	ASPIRE PUBLIC SCHOOLS
	005417922JJK	CA578935	79040	31780	47260	23.63	ASPIRE PUBLIC SCHOOLS
	005417923JJK	CA578935	79840	30580	49260	24.63	ASPIRE PUBLIC SCHOOLS
	005417924JJK	CA578935	80660	30040	50620	25.31	ASPIRE PUBLIC SCHOOLS
	005417925JJK	CA578935	78840	32220	46620	23.31	ASPIRE PUBLIC SCHOOLS
	005417926JJK	CA578935	78260	32980	45280	22.64	ASPIRE PUBLIC SCHOOLS
TOTAL					694140	347.07	
COUNT		14					
Total	Documents:						
TOTAL					1937620	968.81	
COUNT		40					
*** END OF REPO RT ***							



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>778</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>(415) 552-1318</b>		4. Manifest Tracking Number <b>006299826 JJK</b>			
		CAC 00264775									
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Avenue, Suite 100 Oakland, CA 94606</b>		Generator's Site Address (if different than mailing address) <b>1009 66th Avenue Oakland CA</b>									
Generator's Phone: <b>510-434-5100</b>		6. Transporter 1 Company Name <b>IB TRUCKING</b>		7. Transporter 2 Company Name		U.S. EPA ID Number <b>KCAR 000145875</b>		U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Kettleman Hills (waste management) 35251 Old Skyline Road Kettleman City, CA 93239</b>		Facility's Phone: <b>(559) 386-6200</b>		U.S. EPA ID Number <b>CAT 000646117</b>		U.S. EPA ID Number		U.S. EPA ID Number			
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity		12. Unit Wt/Vol.		13. Waste Codes	
+ X		1. <del>RG Environmentally Hazardous Substance, Solid, NA 27</del> <b>(Polychlorinated Biphenyls) (Solid, Impacted with PCB)</b> 2. <del>RG Environmentally Hazardous Substance, Solid, NA 27</del> <b>(Polychlorinated Biphenyls), 9, NA 2077, III</b>		001 DT 18		Y		261		261	
3.		4.									
14. Special Handling Instructions and Additional Information <b>wm Profile: CA 578935</b> <b>19650 kgs.</b> <b>9E24024</b> <b>OSD: 11/18/09</b>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Officer's Printed/Typed Name <b>Ann V. BAUER</b>											
Signature <b>Ann V. Bauer</b>											
Month Day Year <b>11/18/09</b>											
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
17. Transporter Acknowledgment of Receipt of Materials											
Transporter 1 Printed/Typed Name <b>SERGIO F. GARCIA</b>											
Signature <b>Sergio F. Garcia</b>											
Month Day Year <b>11/18/09</b>											
Transporter 2 Printed/Typed Name											
Signature											
Month Day Year											
18. Discrepancy											
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
Manifest Reference Number:											
18b. Alternate Facility (or Generator) U.S. EPA ID Number											
Facility's Phone:											
18c. Signature of Alternate Facility (or Generator)											
Month Day Year											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <b>H132</b> 2. 3. 4.											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name <b>Ginger Adams</b>											
Signature <b>Ginger Adams</b>											
Month Day Year <b>11/19/09</b>											



WEIGHT (LB)	TIME	DATE	COMMODITY: HAZARDOUS WASTE
GROSS: 11 1-00 75.90 lb			DEPUTY WEIGHMASTER
TARE:			
NET: 11 15 11 19 09 51960 lb 15.98 lb			
YARDAGE:			

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO:

149431

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

GENERATOR	MANIFEST	PROFILE
	11162773261316	01578925
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #
		356612

11/16  
3T 131  
125  
on

TE



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC00264778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(415) 552-1818</b>		4. Manifest Tracking Number <b>006299827 JJK</b>		
		5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606</b>		Generator's Site Address (if different than mailing address) <b>1009 46th Avenue Oakland CA</b>					
Generator's Phone: <b>(510) 434-5100</b>		6. Transporter 1 Company Name <b>TRUCKING</b>		U.S. EPA ID Number <b>CAR000143875</b>		U.S. EPA ID Number			
7. Transporter 2 Company Name				U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>Kettilman Hills (Waste Management) 35251 Old Skyline Road Kettiman City CA, 93239</b>		U.S. EPA ID Number <b>GAT008646117</b>		U.S. EPA ID Number <b>CAT000646117</b>					
Facility's Phone: <b>(559) 386-6200</b>									
<b>GENERATOR</b>	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. <del>HAZARDOUS SUBSTANCE, SOLID, LIQ</del> <del>(Polychlorinated Biphenyls) (Soil Impacted with PCB)</del>			222				261
	X	2. <del>HAZARDOUS SUBSTANCE, SOLID, LIQ</del> <del>(Polychlorinated Biphenyls) (Soil Impacted with PCB)</del>			001 DT 018		Y		261
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>WM Profile: CA578935      20557 lbs.      OSD: 11/19/09</b> <b>VP37561      TRK# 204</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name <b>Ann V. Bauer</b>									
Signature <b>Ann V. Bauer</b>									
Month Day Year <b>11/18/09</b>									
<b>INT'L</b>	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
<b>TRANSPORTER</b>	Transporter 1 Printed/Typed Name <b>ROBIN FABRY</b>								
	Signature <b>Robin Fabry</b>								
Month Day Year <b>11/19/09</b>									
Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year ____									
<b>DESIGNATED FACILITY</b>	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number: _____								
	18b. Alternate Facility (or Generator) U.S. EPA ID Number _____								
	Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>—</b> 2. <b>H132</b> 3. _____ 4. _____									
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Ramona Ramos</b>									
Signature <b>R. Ramos</b>									
Month Day Year <b>11/19/09</b>									



WEIGHT (LB)		TIME	DATE	COMMODITY: HAZARDOUS WASTE	CHEMICAL WASTE MANAGEMENT, INC WEIGHMASTER weighed at 35251 Old Skyline Road Kettleman City, CA  NO: <b>149420</b>  WEIGHMASTER CERTIFICATE  <small>This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business &amp; Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.</small>
GROSS:		DEPUTY WEIGHMASTER			
TARE:					
NET:					
YARDAGE:					

GENERATOR	MANIFEST	PROFILE
VT 25-141	0062998275	CA 578935
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #
		130000

10/10/18  
 BR - Soil  
 rock & concrete  
 plastic debris

E



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC002647778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>415-552-1818</b>		4. Manifest Tracking Number <b>006299828 JJK</b>		
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Avenue, Suite 100 Oakland, CA. 94606</b>					Generator's Site Address (if different than mailing address) <b>1009 66th Avenue Oakland, CA</b>				
Generator's Phone: <b>(510) 434-5100</b>									
6. Transporter 1 Company Name <b>18 TRK</b>					U.S. EPA ID Number <b>CAR000143875</b>				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Ketheman Hills (Waste Management) 35251 Old Skyline Road Ketheman City, CA. 93239</b>					U.S. EPA ID Number <b>CAT000646117</b>				
Facility's Phone: <b>(939) 304-6200</b>									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		<del>1. <del>Environmentally hazardous substances, solid, n.o.s.</del></del>			<del>2</del>				<del>261</del>
		<del>2. <del>Polychlorinated biphenyls (solid, n.o.s.) (oil impregnated)</del></del>							
	X	1. <del>Environmentally hazardous substances, solid, n.o.s., (polychlorinated biphenyls)</del>			001 DT 012		Y		261
		NA 3072, III							
	3.								
	4.								
14. Special Handling Instructions and Additional Information <b>WM Profile: CA 578935</b> <b>o/s Date 11-18-09 23379 kg.</b> <b>9106993</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name <b>Ann V. BAUER</b>					Signature <b>Ann V. Bauer</b>		Month Day Year <b>11/18/09</b>		
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
TRANSPORTER	Transporter 1 Printed/Typed Name <b>Estan Jimenez</b>					Signature <b>[Signature]</b>		Month Day Year <b>11/20/09</b>	
	Transporter 2 Printed/Typed Name					Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number: _____								
	18b. Alternate Facility (or Generator) U.S. EPA ID Number _____								
	Facility's Phone: _____								
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
	1. <b>H132</b>		2. <b>H132</b>		3. _____		4. _____		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Ginger Adams</b>					Signature <b>[Signature]</b>		Month Day Year <b>11/20/09</b>		



WEIGHT (LB) **		TIME	DATE	COMMODITY: HAZARDOUS WASTE	CHEMICAL WASTE MANAGEMENT, INC WEIGHMASTER weighed at 35251 Old Skyline Road Kettleman City, CA  NO: <b>149552</b>  WEIGHMASTER CERTIFICATE  <small>This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business &amp; Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture</small>
GROSS: 11,700.00				DEPUTY WEIGHMASTER	
TARE:					
NET: 11,700.00					
YARDAGE: 11836				51840	

GENERATOR	MANIFEST	PROFILE
1157112	606299828	11578935
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #
2 D 6643		
		RECEIPT #
		11765

11/18  
3T  
1419  
DA

Area Soil  
contaminated

2



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAD00264778</b> <sup>778</sup> <sub>R</sub>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>415-552-1818</b>	4. Manifest Tracking Number <b>006299829 JJK</b>	
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave Suite 100 Oakland, CA 94606</b>			Generator's Site Address (if different than mailing address) <b>1009 46th Avenue Oakland, CA.</b>			
Generator's Phone: <b>(510) 434-5100</b>						
6. Transporter 1 Company Name <b>18 TRK</b>			U.S. EPA ID Number <b>CAR000143875</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Kettleman Hills (Waste Management) 35251 Old Skyline Road Kettleman City, CA 93239</b>			U.S. EPA ID Number <b>CAT00844617</b> <b>CAT000646117</b>			
Facility's Phone: <b>(559) 306-6200</b>						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
		1. <del>PO, Environmentally hazardous substances, Solid, N.O.</del> <del>(Polychlorinated Biphenyls) (Sol. Impacted with PCB)</del>	002			261
	X	2. <del>PO, Environmentally hazardous substances, Solid, N.O.</del> <del>(Polychlorinated Biphenyls) (Sol. Impacted with PCB)</del>	001	DT	18	261
		3.				
		4.				
14. Special Handling Instructions and Additional Information <b>WM Profile: CA 578935      22571 lbs.      OSD: 11/18/09</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Ann R. BAUER</b>			Signature <b>Ann R. Bauer</b>		Month <b>11</b>	Day <b>18</b>
					Year <b>09</b>	
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: _____ Transporter signature (for exports only): _____      Date leaving U.S.: _____					
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <b>Edgar Jones</b> Signature: <b>Edgar Jones</b> Month: <b>11</b> Day: <b>19</b> Year: <b>09</b> Transporter 2 Printed/Typed Name: _____      Signature: _____      Month: _____      Day: _____      Year: _____					
DESIGNATED FACILITY	18. Discrepancy					
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
	Manifest Reference Number: _____					
	18b. Alternate Facility (or Generator)      U.S. EPA ID Number: _____					
	Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator)      Month: _____      Day: _____      Year: _____						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2. <b>H132</b>		3. _____		4. _____
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Ginger Adams</b>			Signature <b>Ginger Adams</b>		Month <b>11</b>	Day <b>19</b>
					Year <b>09</b>	



WEIGHT (LB)		TIME	DATE	COMMODITY: HAZARDOUS WASTE	
GROSS: 111.10				DEPUTY WEIGHMASTER	
TARE:					
NET: 13.17				49760	
YARDAGE:					
GENERATOR	MANIFEST	PROFILE			
11/16	11/16	05070735			
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #	RECEIPT #		
			750014		

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO: 149430

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

Gustavo  
18

11/16  
3/25/16  
OK

2



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAG00264778 778</b>		2. Page 1 of 1	3. Emergency Response Phone <b>415-532-1818</b>		4. Manifest Tracking Number <b>006299830 JJK</b>			
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606 Generator's Phone: 510.434.5100</b>					Generator's Site Address (if different than mailing address) <b>1009 66th Ave Oakland, CA</b>					
6. Transporter 1 Company Name <b>ROAD RUNNER TRUCK LINES</b>					U.S. EPA ID Number <b>CA000184531</b>					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>Kettelman Hills (Waste Management) 35251 Old Skyline Road Kettelman City, CA 93239 Facility's Phone: (559) 386-6200</b>					U.S. EPA ID Number <b>CA000646117</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	+	1. <del>Environmentally hazardous substances, solid, n.o.s.</del> <del>(poly chlorinated biphenyls) (contaminated with HAPs)</del>			2				261	
	X	2. <del>RQ, Environmentally hazardous substance, solid, n.o.s. (poly chlorinated biphenyls), 9, NA 3077, III</del>			1 DT		012	Y	261	
		3.								
		4.								
14. Special Handling Instructions and Additional Information <b>WM Profile: CA 570935      II UP 69229      26844 K88 OSD: 11/18/09</b>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Officer's Printed/Typed Name <b>Ann V. BAUER</b>					Signature <b>Ann V. Bauer</b>		Month Day Year <b>11/18/09</b>			
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Hardeep Gosal</b> Signature <b>[Signature]</b> Month Day Year <b>11/19/09</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____									
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	18b. Alternate Facility (or Generator)      Manifest Reference Number: _____      U.S. EPA ID Number _____									
	Facility's Phone: _____									
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>H130</b>			2. <b>H132</b>			3. _____			4. _____	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name <b>Janice Varela</b>					Signature <b>Janice Varela</b>		Month Day Year <b>11/19/09</b>			



WEIGHT (LB)

TIME

DATE

COMMODITY: HAZARDOUS WASTE

DEPUTY WEIGHMASTER

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

GROSS:

TARE:

NET:

YARDAGE:

NO:

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

GENERATOR	MANIFEST	PROFILE
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #
		RECEIPT #

1110  
37 1318  
1331  
2V



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC 00264778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>715-552-1818</b>	4. Manifest Tracking Number <b>006299831 JJK</b>	
		5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA. 94606 (510) 434-5100</b>					
Generator's Site Address (if different than mailing address) <b>1009 Uthman Ave. Oakland, CA.</b>						U.S. EPA ID Number <b>CAL000190572</b>	
6. Transporter 1 Company Name <b>SAS TRUCKING</b>						U.S. EPA ID Number	
7. Transporter 2 Company Name						U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Kettlemann Hills (Waste Management) 35251 Oldskylone Road Kettlemann City CA. 93239 Facility's Phone: (559) 384-6200</b>						U.S. EPA ID Number <b>CAT00864647 CAT000646117</b>	
<b>GENERATOR</b>	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.
		1. <del>RQ Environmentally hazardous substance, solid, n.o.s.</del> <del>(polychlorinated biphenyls) (contaminated with</del> <del>&gt;LBP PCB)</del>			17		
	X	2. <del>RQ Environmentally hazardous substance,</del> <del>solids n.o.s., polychlorinated biphenyls, 9,</del> <del>NA 3077, 111</del>			1 DT 018		261
		3.					
		4.					
13. Waste Codes 261 3-2							
14. Special Handling Instructions and Additional Information <b>WMP file: CA 578935 21328 KRS. 9090756 OSD: 11/19/09</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Ann V. Bauer</b>						Signature <b>Ann V. Bauer</b> Month Day Year <b>11 18 09</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials Transporter signature (for exports only): _____ Transporter 1 Printed/Typed Name <b>Gordon Brown</b> Signature <b>Gordon Brown</b> Month Day Year <b>11 19 09</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____							
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ U.S. EPA ID Number _____							
18b. Alternate Facility (or Generator) Facility's Phone: _____ Month Day Year _____							
18c. Signature of Alternate Facility (or Generator) _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H130</b> 2. <b>H132</b> 3. _____ 4. _____							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Janice Varela</b> Signature <b>Janice Varela</b> Month Day Year <b>11 19 09</b>							



WEIGHT (LB)

TIME

DATE

COMMODITY: HAZARDOUS WASTE

DEPUTY WEIGHMASTER

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO:

149438

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

GROSS:

TARE:

NET:

YARDAGE:

GENERATOR	MANIFEST	PROFILE
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #
		RECEIPT #

11/10  
31  
1205  
JV

42



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC 00264778 778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>415-552-1818</b>		4. Manifest Tracking Number <b>006299832 JJK</b>	
		5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave Oakland, CA 94606</b>		Generator's Site Address (if different than mailing address) <b>1009 66th Ave Oakland, CA.</b>				
6. Transporter 1 Company Name <b>CONCRETE TRUCKING</b>		9D38929		U.S. EPA ID Number <b>CAR 000180620</b>		U.S. EPA ID Number		
7. Transporter 2 Company Name				U.S. EPA ID Number		U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Kettleman Hills (Waste Management) 35251 Old Skyline Road Kettleman City, CA 93239</b>		(557) 386-6200		U.S. EPA ID Number <b>CAT000646117</b>		U.S. EPA ID Number <b>CAT008646447</b>		
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity		12. Unit WL/Vol.
1. <del>1. RQ, Environmentally Hazardous Substance, Solid, N.O.S.</del> <del>(Polychlorinated Biphenyls) (Solvent Impacted with PCB)</del>				13. Waste Codes <b>261</b>				
X 2. RQ, Environmentally Hazardous Substance, Solid, N.O.S. (Polychlorinated Biphenyls), 9, NA 3072, III				1 DT 018		Y		261
3.								
4.								
14. Special Handling Instructions and Additional Information <b>WM Profile: CA 578935 9D38929 21763 Y8 OSD: 11/18/09</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offoror's Printed/Typed Name <b>Ann K. Bauer</b>		Signature <b>Ann K. Bauer</b>		Month Day Year <b>11 18 09</b>				
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials		Signature <b>EDMOND ST LAURENT</b>		Month Day Year <b>11 19 09</b>				
Transporter 1 Printed/Typed Name		Signature		Month Day Year				
Transporter 2 Printed/Typed Name		Signature		Month Day Year				
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection		Manifest Reference Number: U.S. EPA ID Number						
18b. Alternate Facility (or Generator)		U.S. EPA ID Number						
Facility's Phone:		Month Day Year						
18c. Signature of Alternate Facility (or Generator)		Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H130</b>		2. <b>H132</b>		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Emilee Varela</b>		Signature <b>Emilee Varela</b>		Month Day Year <b>11 19 09</b>				



WEIGHT (LB)

TIME

DATE

COMMODITY: HAZARDOUS WASTE

CHEMICAL WASTE MANAGEMENT, INC  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

DEPUTY WEIGHMASTER

GROSS:

TARE:

NET:

YARDAGE:

NO:

149447

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

GENERATOR	MANIFEST	PROFILE
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #
RECEIPT #		

2649447  
11/16/10  
31  
10-9  
4V



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC00244778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>415-552-1818</b>		4. Manifest Tracking Number <b>006299833 JJK</b>		
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Avenue Oakland CA 94606</b>					Generator's Site Address (if different than mailing address) <b>1009 60th Avenue Oakland CA</b>				
Generator's Phone: <b>(510) 434-5100</b>					U.S. EPA ID Number <b>YC A R 000143825</b>				
6. Transporter 1 Company Name <b>18 Trucking</b>					U.S. EPA ID Number				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Kettelman Hills (Waste Management) 35251 Old Skyline Road Kettelman City, CA 93239</b>					U.S. EPA ID Number <b>CAT000646117</b>				
Facility's Phone: <b>(559) 384-6200</b>									
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	
	1. <del>Environmentally hazardous substance, solid, n.o.s.</del> <del>(poly chlorinated biphenyls) solid unpacked with PCBs</del>				002			261 or 2	
	2. <del>Environmentally hazardous substance, solid, n.o.s.</del> <del>(poly chlorinated biphenyls), 9</del> <b>NA 3077, 11</b>				001 DT 018		Y	261	
	3.								
	4.								
14. Special Handling Instructions and Additional Information <b>WM Profile: CA578935      015 11-18-09      13680 kgs. 9E 24024</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name <b>Ann V Bauer</b>					Signature <b>Ann V Bauer</b>		Month <b>11</b>	Day <b>18</b>	Year <b>09</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <b>SERGIO F GARCIA</b>					Signature <b>Sergio F Garcia</b>		Month <b>11</b>	Day <b>20</b>	Year <b>09</b>
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Manifest Reference Number: _____ U.S. EPA ID Number									
18b. Alternate Facility (or Generator)									
Facility's Phone:							Month	Day	Year
18c. Signature of Alternate Facility (or Generator)									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1.		2. <b>H132</b>		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Ginger Adams</b>					Signature <b>Ginger Adams</b>		Month <b>11</b>	Day <b>20</b>	Year <b>09</b>



WEIGHT (LB)

TIME

DATE

COMMODITY: HAZARDOUS WASTE

DEPUTY WEIGHMASTER

CHEMICAL WASTE MANAGEMENT, INC  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO:

149553

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture

GROSS:

TARE:

NET:

YARDAGE:

GENERATOR	MANIFEST	PROFILE
11510-1	606299833	CHAS 85
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #
1E 240211		8
		RECEIPT #
		1766

Mr. Scott  
up you to  
for collection

11/10  
37  
13/4  
14/21  
ON



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC 00264778</b> <sup>78</sup> <sub>Jan</sub>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>415-532-1818</b>		4. Manifest Tracking Number <b>006299834 JJK</b>			
		5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Avenue, Suite 100 Oakland, CA 94606</b> Generator's Phone: <b>(510) 434-5100</b>		Generator's Site Address (if different than mailing address) <b>1009 46th Avenue Oakland CA</b>							
<b>GENERATOR</b>		6. Transporter 1 Company Name <b>S&amp;S TRUCKING</b>		U.S. EPA ID Number <b>CA L000190372</b>		7. Transporter 2 Company Name		U.S. EPA ID Number			
		8. Designated Facility Name and Site Address <b>Kettner Hills (Waste Management) 35251 Old Skyline Road Kettner Hills, CA 95239</b> Facility's Phone: <b>(559) 386-4200</b>		U.S. EPA ID Number <b>CA F008646117</b>		U.S. EPA ID Number <b>CA T000646117</b>					
<b>GENERATOR</b>		9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
						No. Type					
		1. <del>PO Environmentally Hazardous Substance</del> <del>Solid, N.O.D.</del> <del>(Polychlorinated Biphenyls) (solid packed 211B PCB)</del>		002							
		2. <del>PO Environmentally Hazardous Substance</del> <del>Solid, N.O.D. (Polychlorinated biphenyls), 9,</del> <del>NA 3027, III</del>		001 DT		018	Y			261	
		3.									
<b>GENERATOR</b>		4.									
<b>GENERATOR</b>		14. Special Handling Instructions and Additional Information <b>WM Profile: CA 570935</b> <b>OS date 11-18-09</b> <b>17091 198.</b>									
		15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
<b>GENERATOR</b>		Generator's/Officer's Printed/Typed Name <b>Ann V. BAUER</b>		Signature <b>Ann V. Bauer</b>		Month <b>11</b>		Day <b>18</b>		Year <b>09</b>	
		16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:							
<b>TRANSPORTER</b>		17. Transporter Acknowledgment of Receipt of Materials		Transporter 1 Printed/Typed Name <b>Gordon Brown</b>		Signature <b>[Signature]</b>		Month <b>11</b>		Day <b>20</b>	
		Transporter 2 Printed/Typed Name		Signature		Month		Day		Year	
<b>DESIGNATED FACILITY</b>		18. Discrepancy									
		18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
<b>DESIGNATED FACILITY</b>		18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number									
		Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year									
<b>DESIGNATED FACILITY</b>		19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
		1. <b>—</b> 2. <b>H137</b> 3. 4.									
<b>DESIGNATED FACILITY</b>		20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
		Printed/Typed Name <b>Ramona Ramos</b>		Signature <b>[Signature]</b>		Month <b>11</b>		Day <b>20</b>		Year <b>09</b>	



WEIGHT (LB)	TIME	DATE	COMMODITY: HAZARDOUS WASTE
			DEPUTY WEIGHMASTER
GROSS:			
TARE:			
NET:			
YARDAGE:			

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO: 149556

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

GENERATOR	MANIFEST	PROFILE
MSpire	006799-34	04575285
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #
		RECEIPT #
		170171

Gordai  
4-5

Blue Soil  
Nenger to

FL



EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



WEIGHT (LB)	TIME	DATE	COMMODITY: HAZARDOUS WASTE
GROSS: 12,000	11:00 AM	11/14/00	DEPUTY WEIGHMASTER
TARE:			
NET: 12,000			
YARDAGE: 16			612/000

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO: 150849

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

GENERATOR	MANIFEST	PROFILE
AC-Dine	00541782	RCN 97892 S
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #
VP 3756	HFE 834	

RECEIPT # 52354

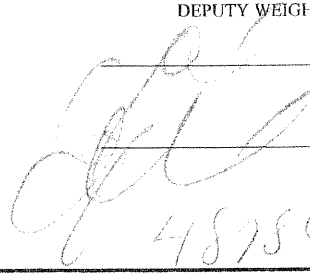
Kolbin  
18

301501/ROK1



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <i>0000000000</i>		2. Page 1 of <i>1</i>		3. Emergency Response Phone <i>301-555-1234</i>		4. Manifest Tracking Number <b>005417899 JJK</b>			
		5. Generator's Name and Mailing Address <i>ASIAN PAPER GROUP 10000 WILSON BLVD SUITE 100 WASHINGTON, DC 20007-1000</i> Generator's Site Address (if different than mailing address) <i>10000 WILSON BLVD SUITE 100 WASHINGTON, DC 20007-1000</i>									
6. Transporter 1 Company Name <i>X 18 TRK</i>		U.S. EPA ID Number <i>X CAR000143875</i>									
7. Transporter 2 Company Name		U.S. EPA ID Number									
8. Designated Facility Name and Site Address <i>STANDARD WASTE MANAGEMENT, LTD 3775 CHASE ROAD ANN ARBOR, MI 48106</i> Facility's Phone: <i>313-555-1234</i>		U.S. EPA ID Number <i>047000345117</i>									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
					No.	Type					
	1.	<i>20.000 LITERS, TETRAHYDROFUR, UNL, A, D, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000</i>			1	27	15	1	261		
	2.										
	3.										
4.											
14. Special Handling Instructions and Additional Information <i>ASIAN PAPER GROUP (301) 555-1234 PRN 10 576025</i> <i>as date 12-29-09, 22126Kg.</i>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offoror's Printed/Typed Name <i>M. DARR</i>					Signature <i>[Signature]</i>		Month Day Year <i>12 29 09</i>				
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <i>X Esteban Gomez</i> Signature <i>X [Signature]</i> Month Day Year <i>12 29 09</i> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____										
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____										
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <i>H132</i> 2. _____ 3. _____ 4. _____											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <i>Singer Adams</i> Signature <i>[Signature]</i> Month Day Year <i>12 29 09</i>											



WEIGHT (LB)		TIME	DATE	COMMODITY: HAZARDOUS WASTE	
				DEPUTY WEIGHMASTER	
GROSS:				 487801	
TARE:					
NET:		13:07	12-29-09	905601E	15.20 to
YARDAGE:		161			
GENERATOR		MANIFEST		PROFILE	
12 Jinc		205417898K		C1578235	
TRACTOR LICENSE #		TRAILER LICENSE NO.		BIN #	
9D 0692		4HP 5405		252265	

CHEMICAL WASTE MANAGEMENT, INC  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO: **150859**

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

11/16  
3T  
124  
257

Great Soil 404  
X6045



DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



WEIGHT (LB)		TIME	DATE	COMMODITY: HAZARDOUS WASTE
GROSS: 10:36 12-29-07 012000				DEPUTY WEIGHMASTER
TARE:				
NET: 10:36 12-29-07 012000				
YARDAGE: 16 y				
GENERATOR	MANIFEST	PROFILE		
6293915	4FA 8106	CAS 7883 S		
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #	RECEIPT #	
6293915	4FA 8106		85322	

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO: 150864

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

Good soil  
Rock /  
Roots



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number 64-0000000000	2. Page 1 of 1	3. Emergency Response Phone 512-557-1235	4. Manifest Tracking Number <b>005417901 JJK</b>	
5. Generator's Name and Mailing Address CARROLL COUNTY 21210, CA 2-31-3333 USA					Generator's Site Address (if different than mailing address)	
Generator's Phone: 512-557-1235					U.S. EPA ID Number CAR 000 140 947	
6. Transporter 1 Company Name <b>X MILLER TRUCKING</b>					U.S. EPA ID Number <b>X 640000009472</b>	
7. Transporter 2 Company Name <b>MILLER TRUCKING</b>					U.S. EPA ID Number	
8. Designated Facility Name and Site Address 21210, CA 2-31-3333 USA					U.S. EPA ID Number 00100000000000	
Facility's Phone: 512-557-1235						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity
				No.	Type	12. Unit Wt./Vol.
	1.	9B3481S T				
	2.	4EM6663				
	3.					
14. Special Handling Instructions and Additional Information Waste proper PCB handling 1234 PCMA 0-375535						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <b>M. DARR</b>					Signature <i>[Signature]</i>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.					Port of entry/exit: Date leaving U.S.:	
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>X 640000009472</b>					Signature <i>[Signature]</i>	
Transporter 2 Printed/Typed Name					Signature	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: U.S. EPA ID Number						
18b. Alternate Facility (or Generator)						
Facility's Phone:					Month Day Year	
18c. Signature of Alternate Facility (or Generator)						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Ginger Adams</b>					Signature <i>[Signature]</i>	
					Month Day Year <b>12 29 09</b>	



WEIGHT (LB)

TIME

DATE

COMMODITY: HAZARDOUS WASTE

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

DEPUTY WEIGHMASTER

GROSS:

TARE:

NET:

YARDAGE:

NO:

150884

## WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

GENERATOR H-111111	MANIFEST CA 54122111	PROFILE CA 578222
TRACTOR LICENSE # 71234810	TRAILER LICENSE NO. 4621663	BIN # 151399
RECEIPT # 151399		

11/16  
3T  
1516  
1516

John Smith  
11/16



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number EPA 70001-70001		2. Page 1 of 1		3. Emergency Response Phone 800-424-9300		4. Manifest Tracking Number <b>005417927 JJK</b>	
		5. Generator's Name and Mailing Address WASTE MANAGEMENT 1000 E. 10th St. Cleveland, OH 44115		Generator's Site Address (if different than mailing address) 1000 E. 10th Ave. Cleveland, OH 44115-3535 USA					
Generator's Phone: 216-265-5500		6. Transporter 1 Company Name <b>EMILION TRUCKING</b>							
7. Transporter 2 Company Name		U.S. EPA ID Number <b>CAR R000105890</b>							
8. Designated Facility Name and Site Address WASTE MANAGEMENT INC 2800 E. 10th Ave Cleveland, OH 44115		U.S. EPA ID Number 610005-3117							
Facility's Phone: 216-265-5500									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
					No.	Type			
	1.	1. 00, EMULSION, POLYMER, LIQUID, GELATINIZED, 2. UNCL, H			1	DT	15	Y	261
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information WASTE MANAGEMENT INC Phone: 216-265-5500 <b>OS date 12-29-09, 231331kg</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name <b>M. DARR</b>									
Signature <i>[Signature]</i>									
Month Day Year <b>12/29/09</b>									
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name <b>X JESUS R GOMEZ</b>			Signature <i>[Signature]</i>			Month Day Year <b>12/29/09</b>		
	Transporter 2 Printed/Typed Name			Signature			Month Day Year		
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number: _____								
	18b. Alternate Facility (or Generator) U.S. EPA ID Number								
	Facility's Phone: _____								
	18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H137</b> 2. 3. 4.									
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Ginger Adams</b>									
Signature <i>[Signature]</i>									
Month Day Year <b>12/29/09</b>									



WEIGHT (LB)		TIME	DATE	COMMODITY: HAZARDOUS WASTE	
GROSS: 11,000				DEPUTY WEIGHMASTER	
TARE:					
NET: 11,000					
YARDAGE:					
GENERATOR	MANIFEST	PROFILE			
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #	RECEIPT #		

CHEMICAL WASTE MANAGEMENT, INC  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO: 150883

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

12/16  
3T B  
151  
SJS

See Serial 1044



EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.



WEIGHT (LB)		TIME	DATE	COMMODITY: HAZARDOUS WASTE
GROSS: <u>15751 LB</u>				DEPUTY WEIGHMASTER <u>[Signature]</u>
TARE:				
NET: <u>15751 LB</u>				
YARDAGE: <u>16 yd</u>				
GENERATOR	MANIFEST	PROFILE		
<u>Aspine</u>	<u>10541125</u>	<u>CA 57 8935</u>		
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #	RECEIPT #	
<u>7118 356</u>			<u>52400</u>	

CHEMICAL WASTE MANAGEMENT, INC.  
 WEIGHMASTER weighed at  
 35251 Old Skyline Road  
 Kettleman City, CA

NO: 150885

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture

Grade  
Yellow

11/1  
3T  
159  
102

1001 500 / 1000



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Manifest Tracking Number <b>005417929 JJK</b>	
		5. Generator's Name and Mailing Address  Generator's Site Address (if different than mailing address)  Generator's Phone:							
6. Transporter 1 Company Name <b>X MILLAN Trucking</b>		U.S. EPA ID Number <b>XCAR000140947</b>							
7. Transporter 2 Company Name		U.S. EPA ID Number							
8. Designated Facility Name and Site Address  Facility's Phone:		U.S. EPA ID Number							
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	1.	20. AMMONIUM NITRATE SUBSTANCE, SOLID, EXPLOSIVE, ORGANIC, NITROGEN, UNCLAS. 1.1		15		15		261	
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information  Date 12-29-09, 22417 KG.									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name <b>M. DARR</b>				Signature 		Month Day Year <b>12 29 09</b>			
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:						
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>X MILLAN CLARA</b> Signature  Month Day Year <b>12 29 09</b> Transporter 2 Printed/Typed Name Signature Month Day Year								
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	18b. Alternate Facility (or Generator) U.S. EPA ID Number								
	18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Ginger Adams</b>				Signature 		Month Day Year <b>12 29 09</b>			



WEIGHT (LB)		TIME	DATE	COMMODITY: HAZARDOUS WASTE
GROSS: <u>16,471.25</u>				DEPUTY WEIGHMASTER
TARE: <u>16,471.25</u>				
NET: <u>16,471.25</u>				
YARDAGE: <u>16,471.25</u>				
GENERATOR	MANIFEST	PROFILE		
<u>16,471.25</u>	<u>MS417979JTL</u>	<u>CA 178935</u>		
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #	RECEIPT #	
<u>16,471.25</u>	<u>16,471.25</u>	<u>16,471.25</u>	<u>16,471.25</u>	

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO: 150872

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

11/10  
3+  
1428  
JON

Brn soil  
rocks



DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



WEIGHT (LB)	TIME	DATE	COMMODITY: HAZARDOUS WASTE
GROSS: 12,000			DEPUTY WEIGHMASTER
TARE:			
NET: 10,000			
YARDAGE: 164			57800

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO: 150881

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

GENERATOR	MANIFEST	PROFILE
AS Wire	06541723	01578835
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #
V/P 34060	4164 6369	

0.000

107E  
6.000

0.01 = 0.01  
HOCK



Form Approved. OMB No. 2050-0039

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



WEIGHT (LB)	TIME	DATE	COMMODITY: HAZARDOUS WASTE
			DEPUTY WEIGHMASTER
GROSS:			
TARE:			
NET:			
YARDAGE:			

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO: **150871**

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

GENERATOR	MANIFEST	PROFILE
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #
RECEIPT #		

11/16  
3T B1  
1429  
4A

for soil.



Form Approved. OMB No. 2050-0039

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



WEIGHT (LB)	TIME	DATE	COMMODITY: HAZARDOUS WASTE
			DEPUTY WEIGHMASTER
GROSS: 11,170			
TARE:			
NET: 4,855			
YARDAGE:			

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO: 150870

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

GENERATOR	MANIFEST	PROFILE
213 Pine	105417932	CAS 78935
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #
9B76400		

855-511-1111

Rec'd  
PU

11/16  
3T  
1479

1 in soil  
vegetation



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number	
					005417933 JJK	
5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)				
Generator's Phone:						
6. Transporter 1 Company Name		U.S. EPA ID Number				
X 18 Trucking		XCARE00143875				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address		U.S. EPA ID Number				
Facility's Phone:						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. 200 L. DRUMS, HAZARDOUS, 1.0, 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 2.0, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3.0, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4.0, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 5.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 6.0, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 9.0, 9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.7, 9.8, 9.9, 10.0, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 11.0, 11.1, 11.2, 11.3, 11.4, 11.5, 11.6, 11.7, 11.8, 11.9, 12.0, 12.1, 12.2, 12.3, 12.4, 12.5, 12.6, 12.7, 12.8, 12.9, 13.0, 13.1, 13.2, 13.3, 13.4, 13.5, 13.6, 13.7, 13.8, 13.9, 14.0, 14.1, 14.2, 14.3, 14.4, 14.5, 14.6, 14.7, 14.8, 14.9, 15.0, 15.1, 15.2, 15.3, 15.4, 15.5, 15.6, 15.7, 15.8, 15.9, 16.0, 16.1, 16.2, 16.3, 16.4, 16.5, 16.6, 16.7, 16.8, 16.9, 17.0, 17.1, 17.2, 17.3, 17.4, 17.5, 17.6, 17.7, 17.8, 17.9, 18.0, 18.1, 18.2, 18.3, 18.4, 18.5, 18.6, 18.7, 18.8, 18.9, 19.0, 19.1, 19.2, 19.3, 19.4, 19.5, 19.6, 19.7, 19.8, 19.9, 20.0, 20.1, 20.2, 20.3, 20.4, 20.5, 20.6, 20.7, 20.8, 20.9, 21.0, 21.1, 21.2, 21.3, 21.4, 21.5, 21.6, 21.7, 21.8, 21.9, 22.0, 22.1, 22.2, 22.3, 22.4, 22.5, 22.6, 22.7, 22.8, 22.9, 23.0, 23.1, 23.2, 23.3, 23.4, 23.5, 23.6, 23.7, 23.8, 23.9, 24.0, 24.1, 24.2, 24.3, 24.4, 24.5, 24.6, 24.7, 24.8, 24.9, 25.0, 25.1, 25.2, 25.3, 25.4, 25.5, 25.6, 25.7, 25.8, 25.9, 26.0, 26.1, 26.2, 26.3, 26.4, 26.5, 26.6, 26.7, 26.8, 26.9, 27.0, 27.1, 27.2, 27.3, 27.4, 27.5, 27.6, 27.7, 27.8, 27.9, 28.0, 28.1, 28.2, 28.3, 28.4, 28.5, 28.6, 28.7, 28.8, 28.9, 29.0, 29.1, 29.2, 29.3, 29.4, 29.5, 29.6, 29.7, 29.8, 29.9, 30.0, 30.1, 30.2, 30.3, 30.4, 30.5, 30.6, 30.7, 30.8, 30.9, 31.0, 31.1, 31.2, 31.3, 31.4, 31.5, 31.6, 31.7, 31.8, 31.9, 32.0, 32.1, 32.2, 32.3, 32.4, 32.5, 32.6, 32.7, 32.8, 32.9, 33.0, 33.1, 33.2, 33.3, 33.4, 33.5, 33.6, 33.7, 33.8, 33.9, 34.0, 34.1, 34.2, 34.3, 34.4, 34.5, 34.6, 34.7, 34.8, 34.9, 35.0, 35.1, 35.2, 35.3, 35.4, 35.5, 35.6, 35.7, 35.8, 35.9, 36.0, 36.1, 36.2, 36.3, 36.4, 36.5, 36.6, 36.7, 36.8, 36.9, 37.0, 37.1, 37.2, 37.3, 37.4, 37.5, 37.6, 37.7, 37.8, 37.9, 38.0, 38.1, 38.2, 38.3, 38.4, 38.5, 38.6, 38.7, 38.8, 38.9, 39.0, 39.1, 39.2, 39.3, 39.4, 39.5, 39.6, 39.7, 39.8, 39.9, 40.0, 40.1, 40.2, 40.3, 40.4, 40.5, 40.6, 40.7, 40.8, 40.9, 41.0, 41.1, 41.2, 41.3, 41.4, 41.5, 41.6, 41.7, 41.8, 41.9, 42.0, 42.1, 42.2, 42.3, 42.4, 42.5, 42.6, 42.7, 42.8, 42.9, 43.0, 43.1, 43.2, 43.3, 43.4, 43.5, 43.6, 43.7, 43.8, 43.9, 44.0, 44.1, 44.2, 44.3, 44.4, 44.5, 44.6, 44.7, 44.8, 44.9, 45.0, 45.1, 45.2, 45.3, 45.4, 45.5, 45.6, 45.7, 45.8, 45.9, 46.0, 46.1, 46.2, 46.3, 46.4, 46.5, 46.6, 46.7, 46.8, 46.9, 47.0, 47.1, 47.2, 47.3, 47.4, 47.5, 47.6, 47.7, 47.8, 47.9, 48.0, 48.1, 48.2, 48.3, 48.4, 48.5, 48.6, 48.7, 48.8, 48.9, 49.0, 49.1, 49.2, 49.3, 49.4, 49.5, 49.6, 49.7, 49.8, 49.9, 50.0, 50.1, 50.2, 50.3, 50.4, 50.5, 50.6, 50.7, 50.8, 50.9, 51.0, 51.1, 51.2, 51.3, 51.4, 51.5, 51.6, 51.7, 51.8, 51.9, 52.0, 52.1, 52.2, 52.3, 52.4, 52.5, 52.6, 52.7, 52.8, 52.9, 53.0, 53.1, 53.2, 53.3, 53.4, 53.5, 53.6, 53.7, 53.8, 53.9, 54.0, 54.1, 54.2, 54.3, 54.4, 54.5, 54.6, 54.7, 54.8, 54.9, 55.0, 55.1, 55.2, 55.3, 55.4, 55.5, 55.6, 55.7, 55.8, 55.9, 56.0, 56.1, 56.2, 56.3, 56.4, 56.5, 56.6, 56.7, 56.8, 56.9, 57.0, 57.1, 57.2, 57.3, 57.4, 57.5, 57.6, 57.7, 57.8, 57.9, 58.0, 58.1, 58.2, 58.3, 58.4, 58.5, 58.6, 58.7, 58.8, 58.9, 59.0, 59.1, 59.2, 59.3, 59.4, 59.5, 59.6, 59.7, 59.8, 59.9, 60.0, 60.1, 60.2, 60.3, 60.4, 60.5, 60.6, 60.7, 60.8, 60.9, 61.0, 61.1, 61.2, 61.3, 61.4, 61.5, 61.6, 61.7, 61.8, 61.9, 62.0, 62.1, 62.2, 62.3, 62.4, 62.5, 62.6, 62.7, 62.8, 62.9, 63.0, 63.1, 63.2, 63.3, 63.4, 63.5, 63.6, 63.7, 63.8, 63.9, 64.0, 64.1, 64.2, 64.3, 64.4, 64.5, 64.6, 64.7, 64.8, 64.9, 65.0, 65.1, 65.2, 65.3, 65.4, 65.5, 65.6, 65.7, 65.8, 65.9, 66.0, 66.1, 66.2, 66.3, 66.4, 66.5, 66.6, 66.7, 66.8, 66.9, 67.0, 67.1, 67.2, 67.3, 67.4, 67.5, 67.6, 67.7, 67.8, 67.9, 68.0, 68.1, 68.2, 68.3, 68.4, 68.5, 68.6, 68.7, 68.8, 68.9, 69.0, 69.1, 69.2, 69.3, 69.4, 69.5, 69.6, 69.7, 69.8, 69.9, 70.0, 70.1, 70.2, 70.3, 70.4, 70.5, 70.6, 70.7, 70.8, 70.9, 71.0, 71.1, 71.2, 71.3, 71.4, 71.5, 71.6, 71.7, 71.8, 71.9, 72.0, 72.1, 72.2, 72.3, 72.4, 72.5, 72.6, 72.7, 72.8, 72.9, 73.0, 73.1, 73.2, 73.3, 73.4, 73.5, 73.6, 73.7, 73.8, 73.9, 74.0, 74.1, 74.2, 74.3, 74.4, 74.5, 74.6, 74.7, 74.8, 74.9, 75.0, 75.1, 75.2, 75.3, 75.4, 75.5, 75.6, 75.7, 75.8, 75.9, 76.0, 76.1, 76.2, 76.3, 76.4, 76.5, 76.6, 76.7, 76.8, 76.9, 77.0, 77.1, 77.2, 77.3, 77.4, 77.5, 77.6, 77.7, 77.8, 77.9, 78.0, 78.1, 78.2, 78.3, 78.4, 78.5, 78.6, 78.7, 78.8, 78.9, 79.0, 79.1, 79.2, 79.3, 79.4, 79.5, 79.6, 79.7, 79.8, 79.9, 80.0, 80.1, 80.2, 80.3, 80.4, 80.5, 80.6, 80.7, 80.8, 80.9, 81.0, 81.1, 81.2, 81.3, 81.4, 81.5, 81.6, 81.7, 81.8, 81.9, 82.0, 82.1, 82.2, 82.3, 82.4, 82.5, 82.6, 82.7, 82.8, 82.9, 83.0, 83.1, 83.2, 83.3, 83.4, 83.5, 83.6, 83.7, 83.8, 83.9, 84.0, 84.1, 84.2, 84.3, 84.4, 84.5, 84.6, 84.7, 84.8, 84.9, 85.0, 85.1, 85.2, 85.3, 85.4, 85.5, 85.6, 85.7, 85.8, 85.9, 86.0, 86.1, 86.2, 86.3, 86.4, 86.5, 86.6, 86.7, 86.8, 86.9, 87.0, 87.1, 87.2, 87.3, 87.4, 87.5, 87.6, 87.7, 87.8, 87.9, 88.0, 88.1, 88.2, 88.3, 88.4, 88.5, 88.6, 88.7, 88.8, 88.9, 89.0, 89.1, 89.2, 89.3, 89.4, 89.5, 89.6, 89.7, 89.8, 89.9, 90.0, 90.1, 90.2, 90.3, 90.4, 90.5, 90.6, 90.7, 90.8, 90.9, 91.0, 91.1, 91.2, 91.3, 91.4, 91.5, 91.6, 91.7, 91.8, 91.9, 92.0, 92.1, 92.2, 92.3, 92.4, 92.5, 92.6, 92.7, 92.8, 92.9, 93.0, 93.1, 93.2, 93.3, 93.4, 93.5, 93.6, 93.7, 93.8, 93.9, 94.0, 94.1, 94.2, 94.3, 94.4, 94.5, 94.6, 94.7, 94.8, 94.9, 95.0, 95.1, 95.2, 95.3, 95.4, 95.5, 95.6, 95.7, 95.8, 95.9, 96.0, 96.1, 96.2, 96.3, 96.4, 96.5, 96.6, 96.7, 96.8, 96.9, 97.0, 97.1, 97.2, 97.3, 97.4, 97.5, 97.6, 97.7, 97.8, 97.9, 98.0, 98.1, 98.2, 98.3, 98.4, 98.5, 98.6, 98.7, 98.8, 98.9, 99.0, 99.1, 99.2, 99.3, 99.4, 99.5, 99.6, 99.7, 99.8, 99.9, 100.0, 100.1, 100.2, 100.3, 100.4, 100.5, 100.6, 100.7, 100.8, 100.9, 101.0, 101.1, 101.2, 101.3, 101.4, 101.5, 101.6, 101.7, 101.8, 101.9, 102.0, 102.1, 102.2, 102.3, 102.4, 102.5, 102.6, 102.7, 102.8, 102.9, 103.0, 103.1, 103.2, 103.3, 103.4, 103.5, 103.6, 103.7, 103.8, 103.9, 104.0, 104.1, 104.2, 104.3, 104.4, 104.5, 104.6, 104.7, 104.8, 104.9, 105.0, 105.1, 105.2, 105.3, 105.4, 105.5, 105.6, 105.7, 105.8, 105.9, 106.0, 106.1, 106.2, 106.3, 106.4, 106.5, 106.6, 106.7, 106.8, 106.9, 107.0, 107.1, 107.2, 107.3, 107.4, 107.5, 107.6, 107.7, 107.8, 107.9, 108.0, 108.1, 108.2, 108.3, 108.4, 108.5, 108.6, 108.7, 108.8, 108.9, 109.0, 109.1, 109.2, 109.3, 109.4, 109.5, 109.6, 109.7, 109.8, 109.9, 110.0, 110.1, 110.2, 110.3, 110.4, 110.5, 110.6, 110.7, 110.8, 110.9, 111.0, 111.1, 111.2, 111.3, 111.4, 111.5, 111.6, 111.7, 111.8, 111.9, 112.0, 112.1, 112.2, 112.3, 112.4, 112.5, 112.6, 112.7, 112.8, 112.9, 113.0, 113.1, 113.2, 113.3, 113.4, 113.5, 113.6, 113.7, 113.8, 113.9, 114.0, 114.1, 114.2, 114.3, 114.4, 114.5, 114.6, 114.7, 114.8, 114.9, 115.0, 115.1, 115.2, 115.3, 115.4, 115.5, 115.6, 115.7, 115.8, 115.9, 116.0, 116.1, 116.2, 116.3, 116.4, 116.5, 116.6, 116.7, 116.8, 116.9, 117.0, 117.1, 117.2, 117.3, 117.4, 117.5, 117.6, 117.7, 117.8, 117.9, 118.0, 118.1, 118.2, 118.3, 118.4, 118.5, 118.6, 118.7, 118.8, 118.9, 119.0, 119.1, 119.2, 119.3, 119.4, 119.5, 119.6, 119.7, 119.8, 119.9, 120.0, 120.1, 120.2, 120.3, 120.4, 120.5, 120.6, 120.7, 120.8, 120.9, 121.0, 121.1, 121.2, 121.3, 121.4, 121.5, 121.6, 121.7, 121.8, 121.9, 122.0, 122.1, 122.2, 122.3, 122.4, 122.5, 122.6, 122.7, 122.8, 122.9, 123.0, 123.1, 123.2, 123.3, 123.4, 123.5, 123.6, 123.7, 123.8, 123.9, 124.0, 124.1, 124.2, 124.3, 124.4, 124.5, 124.6, 124.7, 124.8, 124.9, 125.0, 125.1, 125.2, 125.3, 125.4, 125.5, 125.6, 125.7, 125.8, 125.9, 126.0, 126.1, 126.2, 126.3, 126.4, 126.5, 126.6, 126.7, 126.8, 126.9, 127.0, 127.1, 127.2, 127.3, 127.4, 127.5, 127.6, 127.7, 127.8, 127.9, 128.0, 128.1, 128.2, 128.3, 128.4, 128.5, 128.6, 128.7, 128.8, 128.9, 129.0, 129.1, 129.2, 129.3, 129.4, 129.5, 129.6, 129.7, 129.8, 129.9, 130.0, 130.1, 130.2, 130.3, 130.4, 130.5, 130.6, 130.7, 130.8, 130.9, 131.0, 131.1, 131.2, 131.3, 131.4, 131.5, 131.6, 131.7, 131.8, 131.9, 132.0, 132.1, 132.2, 132.3, 132.4, 132.5, 132.6, 132.7, 132.8, 132.9, 133.0, 133.1, 133.2, 133.3, 133.4, 133.5, 133.6, 133.7, 133.8, 133.9, 134.0, 134.1, 134.2, 134.3, 134.4, 134.5, 134.6, 134.7, 134.8, 134.9, 135.0, 135.1, 135.2, 135.3, 135.4, 135.5, 135.6, 135.7, 135.8, 135.9, 136.0, 136.1, 136.2, 136.3, 136.4, 136.5, 136.6, 136.7, 136.8, 136.9, 137.0, 137.1, 137.2, 137.3, 137.4, 137.5, 137.6, 137.7, 137.8, 137.9, 138.0, 138.1, 138.2, 138.3, 138.4, 138.5, 138.6, 138.7, 138.8, 138.9, 139.0, 139.1, 139.2, 139.3, 139.4, 139.5, 139.6, 139.7, 139.8, 139.9, 140.0, 140.1, 140.2, 140.3, 140.4, 140.5, 140.6, 140.7, 140.8, 140.9, 141.0, 141.1, 141.2, 141.3, 141.4, 141.5, 141.6, 141.7, 141.8, 141.9, 142.0, 142.1, 142.2, 142.3, 142.4, 142.5, 142.6, 142.7, 142.8, 142.9, 143.0, 143.1, 143.2, 143.3, 143.4, 143.5, 143.6, 143.7, 143.8, 143.9, 144.0, 144.1, 144.2, 144.3, 144.4, 144.5, 144.6, 144.7, 144.8, 144.9, 145.0, 145.1, 145.2, 145.3, 145.4, 145.5, 145.6, 145.7, 145.8, 145.9, 146.0, 146.1, 146.2, 146.3, 146.4, 146.5, 146.6, 146.7, 146.8, 146.9, 147.0, 147.1, 147.2, 147.3, 147.4, 147.5, 147.6, 147.7, 147.8, 147.9, 148.0, 148.1, 148.2, 148.3, 148.4, 148.5, 148.6, 148.7, 148.8, 148.9, 149.0, 149.1, 149.2, 149.3, 149.4, 149.5, 149.6, 149.7, 149.8, 149.9, 150.0, 150.1, 150.2, 150.3, 150.4, 150.5, 150.6, 150.7, 150.8, 150.9, 151.0, 151.1, 151.2, 151.3, 151.4, 151.5, 151.6, 151.7, 151.8, 151.9, 152.0, 152.1, 152.2, 152.3, 152.4, 152.5, 152.6, 152.7, 152.8, 152.9, 153.0, 153.1, 153.2, 153.3, 153.4, 153.5, 153.6, 153.7, 153.8, 153.9, 154.0, 154.1, 154.2, 154.3, 154.4, 154.5, 154.6, 154.7, 154.8, 154.9, 155.0, 155.1, 155.2, 155.3, 155.4, 155.5, 155.6, 155.7, 155.8, 155.9, 156.0, 156.1, 156.2, 156.3, 156.4, 156.5, 156.6, 156.7, 156.8, 156.9, 157.0, 157.1, 157.2, 157.3, 157.4, 157.5, 157.6, 157.7, 157.8, 157.9, 158.0, 158.1, 158.2, 158.3, 158.4, 158.5, 158.6, 158.7, 158.8, 158.9, 159.0, 159.1, 159.2, 159.3, 159.4, 159.5, 159.6, 159.7, 159.8, 159.9, 160.0, 160.1, 160.2, 160.3, 160.4, 160.5, 160.6, 160.7, 160.8, 160.9, 161.0, 161.1, 161.2, 161.3, 161.4, 161.5, 161.6, 161.7, 161.8, 161.9, 162.0, 162.1, 162.2, 162.3, 162.4, 162.5, 162.6, 162.7, 162.8, 162.9, 163.0, 163.1, 163.2, 163.3, 163.4, 163.5, 163.6, 163.7, 163.8, 163.9, 164.0, 164.1, 164.2, 164.3, 164.4, 164.5, 164.6, 164.7, 164.8, 164.9, 165.0, 165.1, 165.2, 165.3, 165.4, 165.5, 165.6, 165.7, 165.8, 165.9, 166.0, 166.1, 166.2, 166.3, 166.4, 166.5, 166.6, 166.7, 166.8, 166.9, 167.0, 167.1, 167.2, 167.3, 167.4, 167.5, 167.6, 167.7, 167.8, 167.9, 168.0, 168.1, 168.2, 168.3, 168.4, 168.5, 168.6, 168.7, 168.8, 168.9, 169.0, 169.1, 169.2, 169.3, 169.4, 169.5, 169.6, 169.7, 169.8, 169.9, 170.0, 170.1, 170.2, 170.3, 170.4, 170.5, 170.6, 170.7, 170.8, 170.9, 171.0, 171.1, 171.2, 171.3, 171.4, 171.5, 171.6, 171.7, 171.8, 171.9, 172.0, 172.1, 172.2, 172.3, 172.4, 172.5, 172.6, 172.7, 172.8, 172.9, 173.0, 173.1, 173.2, 173.3, 173.4, 173.5, 173.6, 173.7, 173.8, 173.9, 174.0, 174.1, 174.2, 174.3, 174.4, 174.5, 174.6, 174.7, 174.8, 174.9, 175.0, 175.1, 175.2, 175.3, 175.4, 175.5, 175.6, 175.7, 175.8, 175.9, 176.0, 176.1, 176.2, 176.3, 176.4, 176.5, 176.6, 176.7, 176.8, 176.9, 177.0, 177.1, 177.2, 177.3, 177.4, 177.5, 177.6, 177.7, 177.8, 177.9, 178.0, 178.1, 178.2, 178.3, 178.4, 178.5, 178.6, 178.7, 178.8, 178.9, 179.0, 179.1, 179.2, 179.3, 179.4, 179.5, 179.6, 179.7, 179.8, 179.9, 180.0, 180.1, 180.2, 180.3, 180.4, 180.5, 180.6, 180.7, 180.8, 180.9, 181.0, 181.1, 181.2, 181.3, 181.4, 181.5, 181.6, 181.7, 181.8, 181.9, 182.0, 182.1, 182.2, 182.3, 182.4, 182.5, 182.6, 182.7, 182.8, 182.9, 183.0, 183.1, 183.2, 183.3, 183.4, 183.5, 183.6, 183.7, 183.8, 183.9, 184.0, 184.1,					



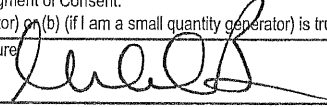
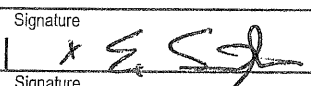
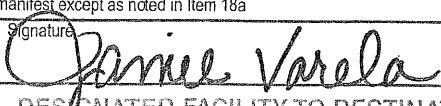
WEIGHT (LB)		TIME	DATE	COMMODITY: HAZARDOUS WASTE	CHEMICAL WASTE MANAGEMENT, INC. WEIGHMASTER weighed at 35251 Old Skyline Road Kettleman City, CA  NO: <b>150853</b>  WEIGHMASTER CERTIFICATE  <small>This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business &amp; Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.</small>
GROSS:		DEPUTY WEIGHMASTER			
TARE:					
NET:					
YARDAGE:					

GENERATOR	MANIFEST	PROFILE
95240465	65417238	2598825
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #
95240465	81142	252366

11/10  
3T B6  
1241  
201

301 soil Rock  
400 + 5



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number 0400015 2016	2. Page 1 of	3. Emergency Response Phone 813-551-123	4. Manifest Tracking Number <b>005417902 JJK</b>
5. Generator's Name and Mailing Address ABC 1234 56789 12345 67890 Glenview, CA 95033			Generator's Site Address (if different than mailing address) 1000 1st St. Glenview, CA 95033-6563		
Generator's Phone: 916-456-7890					
6. Transporter 1 Company Name <b>X ED SEXTON Trucking</b>			U.S. EPA ID Number <b>X 04000182212</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address 12345 67890 5555 1st St. Glenview, CA 95033			U.S. EPA ID Number 04000182212		
Facility's Phone: 916-456-7890					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	
		1. 200 LBS. EMULSIONAL HAZARDOUS WASTE, SOLID, A.C.B. (polymerizable) (UN1993) 2. UN1993		20	20
		2.			
		3.			
					12. Unit Wt./Vol. <b>261</b>
					13. Waste Codes
14. Special Handling Instructions and Additional Information WATERPROOF PREVENTATION TREATMENT P.O. # 0457890 <b>TRK# 349</b> <b>TRK 40#</b> <b>OSD: 12/30/09</b> <b>23932 K88.</b> <b>9038683</b> <b>TEL 40#</b> <b>4645639</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offeror's Printed/Typed Name <b>M. DARR</b>			Signature 		Month Day Year <b>12 30 09</b>
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____				
	Transporter signature (for exports only): _____				
DESIGNATED FACILITY	17. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <b>X ED SEXTON</b>		Signature 		Month Day Year <b>12 30 09</b>
	Transporter 2 Printed/Typed Name		Signature		Month Day Year
	18. Discrepancy				
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____				
	Facility's Phone: _____				
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____				
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)				
	1. <b>H130</b>	2.	3.	4.	
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a				
	Printed/Typed Name <b>Janice Varela</b>		Signature 		Month Day Year <b>12 30 09</b>



GROSS:

DEPUTY WEIGHMASTER

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

TARE:

NET:

NO:

150945

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards, California Department of Food and Agriculture.

YARDAGE:

GENERATOR Aspire	MANIFEST 005417900	PROFILE CA 52872
TRACTOR LICENSE # 71-25683	TRAILER LICENSE NO. 4645672	BIN # 752495

11/10  
31  
1538  
BIR  
JV

See 1001 RRR

2







WEIGHT (LB)	TIME	DATE	COMMODITY: HAZARDOUS WASTE
GROSS: 12,000 10 10			CHEMICAL WASTE MANAGEMENT, INC. WEIGHMASTER weighed at 35251 Old Skyline Road Kettleman City, CA  NO: <b>150944</b>  WEIGHMASTER CERTIFICATE  <small>This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business &amp; Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.</small>
TARE:			
NET: 10,000 12 30 09 30/2015 15.36 00			
YARDAGE: 1600 4950			

GENERATOR 15 Mine	MANIFEST 16341724	PROFILE CA578929
TRACTOR LICENSE # 76400	TRAILER LICENSE NO. 4863061	RECEIPT # 734191

Rec'd  
11/10

11/10  
31 BIE  
1537  
JW

Spec Sci ROKP

3



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 0000000000  
2. Page 1 of 1  
3. Emergency Response Phone: 214-251-7222  
4. Manifest Tracking Number: 005417905 JJ  
Form Approved. OMB No. 2010-0001

5. Generator's Name and Mailing Address: ARCO CHEMICAL CO., 1001 BAYVIEW BLVD, SUITE 400, OAKLAND, CA 94612  
Generator's Phone: 415-778-1000  
6. Transporter 1 Company Name: X PEREDA BROTHERS  
7. Transporter 2 Company Name: CAR  
8. Designated Facility Name and Site Address: CHESTER WASTE MANAGEMENT, INC., 10001 W. 10TH AVE, DENVER, CO 80231  
Facility's Phone: 303-733-8711  
U.S. EPA ID Number: 340003-3117

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
1.	PC POLYETHYLENE TEREPHTHALATE (PET) IN BOTTLES		CF	15	kg			
2.								
3.								
4.								

14. Special Handling Instructions and Additional Information: PROHIBIT RE-ENTRY TO U.S. PORTS  
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.  
Generator's/Officer's Printed/Typed Name: M. DARR  
Signature: [Signature]  
OSD: 12/30/09  
20675 kgs.

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S.  
Transporter signature (for exports only): [Signature]  
Month: 12 Day: 30 Year: 09  
17. Transporter Acknowledgment of Receipt of Materials  
Transporter 1 Printed/Typed Name: X IGNACIO GONZALEZ  
Transporter 2 Printed/Typed Name: [Signature]  
Signature: [Signature]  
Port of entry/exit: [Blank]  
Date leaving U.S.: [Blank]  
Month: 12 Day: 30 Year: 09

18. Discrepancy  
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection  
18b. Alternate Facility (or Generator)  
Facility's Phone: [Blank]  
Manifest Reference Number: [Blank]  
18c. Signature of Alternate Facility (or Generator)  
U.S. EPA ID Number: [Blank]

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  
1. H130 2. [Blank] 3. [Blank] 4. [Blank]  
Month: 12 Day: 30 Year: 09  
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a  
Printed/Typed Name: Ramona Ramos  
Signature: [Signature]  
Month: 12 Day: 30 Year: 09



WEIGHT (LB)		TIME	DATE	COMMODITY: HAZARDOUS WASTE	CHEMICAL WASTE MANAGEMENT, INC. WEIGHMASTER weighed at 35251 Old Skyline Road Kettleman City, CA
DEPUTY WEIGHMASTER					
GROSS: 15,580					NO: 150942  WEIGHMASTER CERTIFICATE  <small>This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business &amp; Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.</small>
TARE:					
NET: 16,305 12-30-00 3086010 15.43 to					
YARDAGE: 1614					
GENERATOR	MANIFEST	PROFILE			
113 Wire	605417205	C157 8735			
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #	RECEIPT #		
4P 22717	41009233		7-2192		

See 150942

*[Handwritten signature]*



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 210023 1778	2. Page 1 of	3. Emergency Response Phone 510-977 185	4. Manifest Tracking Number 005417916 JJK		
5. Generator's Name and Mailing Address 1074 T/70 St 101 W. Ave. 210 OAKLAND, CA 94612		Generator's Site Address (if different than mailing address) 101 W. Ave. 210 W. Ave. 210 OAKLAND, CA 94612					
Generator's Phone: 510-434-8000							
6. Transporter 1 Company Name Millan Trucking		U.S. EPA ID Number XCAR000140947					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address 3300 Old Shiloh Road Manteca, CA 95230		U.S. EPA ID Number CAT0002-3-17					
Facility's Phone: 509-884-2711							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. 9B34818	1		18		201
		2. 46M16663					
		3.					
		4.					
14. Special Handling Instructions and Additional Information Waste Export to Foreign Country 7501 00673335							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name M. DARR		Signature [Signature]		Month Day Year 12 30 09			
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name [Signature]		Signature [Signature]		Month Day Year 12 30 09		
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name		Signature		Month Day Year		
	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number						
	Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H130		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Ramona Ramos		Signature [Signature]		Month Day Year 12 30 09			



WEIGHT (LB)		TIME	DATE	COMMODITY: HAZARDOUS WASTE
DEPUTY WEIGHMASTER				
<p>GROSS: 17.50 12-30-09 17.50 17.50 17.50</p> <p>TARE:</p> <p>NET: 17.20 12-30-09 17.20 17.20 17.20</p> <p>YARDAGE: 16.00</p>				
GENERATOR		MANIFEST	PROFILE	
9234815		46111163	CH57823 =	
TRACTOR LICENSE #		TRAILER LICENSE NO.	BIN #	RECEIPT #
9234815		46111163		5-1156

CHEMICAL WASTE MANAGEMENT, INC.  
 WEIGHMASTER weighed at  
 35251 Old Skyline Road  
 Kettleman City, CA

NO:

150938

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

*Chick Hoke*

*R*



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number 22290 KYS.		2. Page 1 of 1		3. Emergency Response Phone 510-351-1783		4. Manifest Tracking Number <b>005417917 JJK</b>		
		5. Generator's Name and Mailing Address Aspen Public School 1501 Franklin Ave., Box 100 Oakland, CA 94612 Generator's Phone: 510-351-1783						Generator's Site Address (if different than mailing address) 1501 Franklin Ave. Oakland, CA 94612-3533 USA		
6. Transporter 1 Company Name <b>X E. Millan TRUCKING</b>		U.S. EPA ID Number <b>CA R000105890</b>								
7. Transporter 2 Company Name		U.S. EPA ID Number								
8. Designated Facility Name and Site Address Oakland Waste Management, Inc. 1501 Franklin Ave. Oakland, CA 94612 Facility's Phone: 510-351-1783		U.S. EPA ID Number CA100035-3117								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1.	AC, A, extremely flammable substance, acid, A.C.E. (20) entries in 1 (20) 15. 9. UN2077, 3				1		1	1	261
	2.									
	3.									
	4.									
14. Special Handling Instructions and Additional Information Waste of 2000 lbs. 22290 KYS. OSD: 12/30/09										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offor's Printed/Typed Name: <b>M DARR</b> Signature: <i>[Signature]</i> Month: <b>12</b> Day: <b>30</b> Year: <b>09</b>										
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <b>X JESUS R. GOMEZ</b> Signature: <i>[Signature]</i> Month: <b>12</b> Day: <b>30</b> Year: <b>09</b> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____									
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____									
	18c. Signature of Alternate Facility (or Generator) _____ Month: _____ Day: _____ Year: _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>H132</b>		2.		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name: <b>Janice Varela</b> Signature: <i>[Signature]</i> Month: <b>12</b> Day: <b>30</b> Year: <b>09</b>										



WEIGHT (LB)		TIME	DATE	COMMODITY: HAZARDOUS WASTE	
GROSS:				DEPUTY WEIGHMASTER	
TARE:					
NET:		16:24	12-91-03	052016	
YARDAGE:					
GENERATOR	MANIFEST	PROFILE			
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #	RECEIPT #		

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO: 150948

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

11/10  
37 BIE  
1556  
J-V

Get it ROK!

22



Form Approved, OMB No. 2050-0039

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



WEIGHT (LB)	TIME	DATE	COMMODITY: HAZARDOUS WASTE
GROSS: 15,110	12:30	09-09-09	DEPUTY WEIGHMASTER
TARE:			
NET: 16,590			
YARDAGE: 1600			

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO: 150939

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

GENERATOR H. NIKER	MANIFEST 15-54794	PROFILE H518535
TRACTOR LICENSE #	TRAILER LICENSE NO. 4290896	RECEIPT # 75249

Remediation  
Hutton

Beaumont  
Rock

R



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <i>7100037717</i>		2. Page 1 of		3. Emergency Response Phone <i>510-337-1735</i>		4. Manifest Tracking Number <b>005417919 JJK</b>	
		5. Generator's Name and Mailing Address <i>Asphalt Paving Co. Inc. 1111 11th Ave., S.E. Columbus, GA 31903</i> Generator's Site Address (if different than mailing address) <i>1513 55th Ave. S.E. Columbus, GA 31903 USA</i>							
6. Transporter 1 Company Name <i>X MILLAN TRUCKING</i>		U.S. EPA ID Number <i>XCA2000140947</i>						U.S. EPA ID Number	
7. Transporter 2 Company Name		U.S. EPA ID Number						U.S. EPA ID Number <i>GA0000542117</i>	
8. Designated Facility Name and Site Address <i>WILSON'S WASTE RECYCLING CO. 15151 Old Highway Road Norcross, GA 30092</i> Facility's Phone: <i>770-295-2717</i>									
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1.	<i>20. 200 LBS. 100% POLYETHYLENE GLYCOL (PEG) 400, UNCLAS.</i>			<i>17</i>		<i>15</i>	<i>17</i>	<i>261</i>
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information <i>See proper PPE when handling. See MSDS 04575935</i> <i>OSD: 12/30/09 21137 KRS. #408 9837133 OSD: 12/30/09</i>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offoror's Printed/Typed Name <i>M. DARR</i>								Signature <i>[Signature]</i> Month Day Yr <i>12/30/09</i>	
TRANSPORTER		16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____					
		Transporter signature (for exports only): _____							
DESIGNATED FACILITY		17. Transporter Acknowledgment of Receipt of Materials							
		Transporter 1 Printed/Typed Name <i>X [Signature]</i>						Signature <i>[Signature]</i> Month Day Yr <i>12/30/09</i>	
DESIGNATED FACILITY		18. Discrepancy							
		18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ U.S. EPA ID Number _____							
DESIGNATED FACILITY		18b. Alternate Facility (or Generator)							
		Facility's Phone: _____						Month Day Yr 12/30/09	
DESIGNATED FACILITY		18c. Signature of Alternate Facility (or Generator)							
		19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
DESIGNATED FACILITY		1. <i>H132</i> 2. 3. 4.							
		20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
DESIGNATED FACILITY		Printed/Typed Name <i>Jamie Varela</i>						Signature <i>[Signature]</i> Month Day Yr <i>12/30/09</i>	
		DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)							



WEIGHT (LB)	TIME	DATE	COMMODITY: HAZARDOUS WASTE
GROSS: 11,000			DEPUTY WEIGHMASTER
TARE:			
NET: 11,350			
YARDAGE:			

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO: 150932

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

GENERATOR	MANIFEST	PROFILE
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #
		RECEIPT #

11/10  
31 B18  
1346  
JR

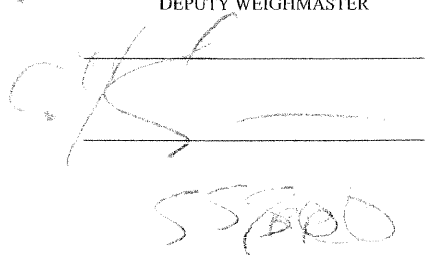
Complete

R



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <i>0000000000</i>		2. Page 1 of <i>1</i>		3. Emergency Response Phone <i>916-333-1133</i>		4. Manifest Tracking Number <b>005417920 JJK</b>			
		5. Generator's Name and Mailing Address <i>JOE MILLAN TRUCKING 1001 W. 14TH AVE. OAKLAND, CA 94612</i>		Generator's Site Address (if different than mailing address) <i>JOE MILLAN TRUCKING 1001 W. 14TH AVE. OAKLAND, CA 94612</i>							
Generator's Phone: <i>916-333-1133</i>		6. Transporter 1 Company Name <i>XE Millan Trucking</i>						U.S. EPA ID Number <i>*CAR-000105890</i>			
7. Transporter 2 Company Name								U.S. EPA ID Number			
8. Designated Facility Name and Site Address <i>WASTE MANAGEMENT SYSTEMS, INC. 3913 DOWNEY BLVD OAKLAND, CA 94621</i>		U.S. EPA ID Number <i>CA70035-5117</i>									
Facility's Phone: <i>908-383-4771</i>											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
						No.	Type				
	1.	1. 25,000 LBS. HAZARDOUS WASTE, SOLID, AQUEOUS SOLUTIONS, UNCLASIFIED, B, UN2777					1	15	Y	261	
	2.										
	3.										
	4.										
14. Special Handling Instructions and Additional Information <i>WASTE MANAGEMENT SYSTEMS, INC.</i> <i>25174 KGS.</i> <i>OSD: 12/30/09</i>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name <i>M. DARR</i>						Signature <i>[Signature]</i>		Month Day Year <i>12 30 09</i>			
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials										
	Transporter 1 Printed/Typed Name <i>XE TOBE RIVERA</i>				Signature <i>[Signature]</i>		Month Day Year <i>12 30 09</i>				
	Transporter 2 Printed/Typed Name				Signature		Month Day Year				
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	Manifest Reference Number:										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number										
	Facility's Phone:										
	18c. Signature of Alternate Facility (or Generator)							Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
	1.	2.	3.	4.							
	<i>H132</i>										
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name <i>Janice Varela</i>						Signature <i>[Signature]</i>		Month Day Year <i>12 30 09</i>			



WEIGHT (LB)	TIME	DATE	COMMODITY: HAZARDOUS WASTE
			DEPUTY WEIGHMASTER
GROSS: 17,300	12:30	12-30-09	 SSERO
TARE:			
NET: 14,371	12:30	09 3250010 16.25	
YARDAGE:			

CHEMICAL WASTE MANAGEMENT, INC  
 WEIGHMASTER weighed at  
 35251 Old Skyline Road  
 Kettleman City, CA

NO: 150933

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

GENERATOR	MANIFEST	PROFILE
7-1110	7-1110	CA 578925
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #
VP 241210	42-1110	757119

*Handwritten signature*

11/10  
 31  
 1340  
 4R  
 B1

*Handwritten:*  
 barrel  
 +  
 concrete

*Handwritten signature*



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-001

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <i>247008-7008</i>		2. Page 1 of <i>1</i>		3. Emergency Response Phone <i>813-370-1983</i>		4. Manifest Tracking Number <b>005417921 JJK</b>		
		5. Generator's Name and Mailing Address <i>WILLIAM S. J. CO 101 TRACY BLVD CHICAGO, IL 60605</i>		Generator's Site Address (if different than mailing address) <i>112 30th Ave CHICAGO, IL 60648-1911</i>						
6. Transporter 1 Company Name <i>X MILLAN Trucking</i>		U.S. EPA ID Number <i>X CAR000140947</i>								
7. Transporter 2 Company Name		U.S. EPA ID Number								
8. Designated Facility Name and Site Address <i>CLARK'S WASTE MANAGEMENT, INC. 22281 S. CANTON ROAD MARIETTA, GA 30060</i>		U.S. EPA ID Number <i>GA000045 17</i>								
Facility's Phone: <i>770-595-2711</i>										
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. <i>20 DRUMS, 55 GALS EACH, 1,1-DIB (40% MINOR COMPONENTS), 3, UNCL, 1, 1</i>				27 27		17	Y	<i>261 9X</i>
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information <i>Water based PCE water based, 100% water based</i> <i>25437 kg.</i> <i>DSD: 12/30/09</i>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offor's Printed/Typed Name <i>M. DARR</i>										
Signature <i>[Signature]</i>										
Month Day Year <i>12 30 09</i>										
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name <i>X JUAN CLARA</i>									
Signature <i>[Signature]</i>										
Month Day Year <i>12 30 09</i>										
Transporter 2 Printed/Typed Name										
Signature										
Month Day Year										
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____									
	Facility's Phone: _____									
	18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <i>H132</i> 2. 3. 4.										
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name <i>Janice Varela</i>										
Signature <i>[Signature]</i>										
Month Day Year <i>12 30 09</i>										



<u>WEIGHT (LB)</u>		<u>TIME</u>	<u>DATE</u>	<u>COMMODITY: HAZARDOUS WASTE</u>	CHEMICAL WASTE MANAGEMENT, INC. WEIGHMASTER weighed at 35251 Old Skyline Road Kettleman City, CA  NO: <b>150929</b>  WEIGHMASTER CERTIFICATE  <small>This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business &amp; Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture</small>
GROSS: 15 00 15 27 00 10 44.17 100		DEPUTY WEIGHMASTER			
TARE:					
NET: 15 01 12 30 04 5230016 16.14 10					
YARDAGE: 16.14 100 5680					

GENERATOR <i>Acme</i>	MANIFEST <i>00541790</i>	PROFILE <i>CA578929</i>
TRACTOR LICENSE # <i>150929</i>	TRAILER LICENSE NO. <i>11/10 37 B12</i>	BIN # <i>1309</i>
RECEIPT # <i>9r</i>		

*Gen 101 / KAR 1*

*R*



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number SAC00000000	2. Page 1 of	3. Emergency Response Phone 810-351-0337	4. Manifest Tracking Number <b>005417922 JJK</b>			
5. Generator's Name and Mailing Address ACORN TANK & BULK 201 E 10th Ave, Box 100 Denver, CO 80202			Generator's Site Address (if different than mailing address) 1003 E 10th Ave Denver, CO 80202-3600 (USA)					
Generator's Phone: 810-351-5000								
6. Transporter 1 Company Name <b>Choice Transportation</b>			U.S. EPA ID Number <b>CA200018920</b>					
7. Transporter 2 Company Name			U.S. EPA ID Number					
8. Designated Facility Name and Site Address 23351 Old Highway Road Aurora, CO 80015			U.S. EPA ID Number CA100054611					
Facility's Phone: 303-369-9711								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	1. RT, Environmentally hazardous substance, solid, H.O.B. (p) polychlorinated biphenyls, 3, 043071, 1		1 01		15	Y	261	
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information 21437 K85 UP93915 OSD: 12/30/09 4FA8106								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name <b>M. DARR</b>			Signature <i>[Signature]</i>			Month Day Year <b>12 30 09</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>Joe Dominguez</b>			Signature <i>[Signature]</i>			Month Day Year <b>12 30 09</b>		
Transporter 2 Printed/Typed Name			Signature			Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number: _____								
18b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H132</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Janice Varela</b>			Signature <i>[Signature]</i>			Month Day Year <b>12 30 09</b>		



WEIGHT (LB)		TIME	DATE	COMMODITY: HAZARDOUS WASTE
GROSS: 7400.00				DEPUTY WEIGHMASTER
TARE:				
NET: 15.27 12:30 PM 01/11/16				
YARDAGE: 16.1				
GENERATOR	MANIFEST	PROFILE		
7-0110	105417900	CH57 8925		
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #	RECEIPT #	
LP 73715	41FA 8106		15-2172	

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO: 150928

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

11/16  
31 B18  
1307  
JR

201 Soil Rock 1

R



EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



WEIGHT (LB)		TIME	DATE	COMMODITY: HAZARDOUS WASTE	
GROSS:				DEPUTY WEIGHMASTER	
TARE:					
NET:					
YARDAGE:					
GENERATOR	MANIFEST	PROFILE			
TRACTOR LICENSE #	TRAILER LICENSE NO.	BIN #	RECEIPT #		

CHEMICAL WASTE MANAGEMENT, INC.  
WEIGHMASTER weighed at  
35251 Old Skyline Road  
Kettleman City, CA

NO: **150920**

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

*See 10/10/11*

*B*



UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 005417924 JJK

2. Page 1 of 1

3. Emergency Response Phone: 005417924

4. Manifest Tracking Number: 005417924 JJK

5. Generator's Name and Mailing Address: 18 TRIK

6. Generator's Site Address (if different than mailing address):

Generator's Phone: 310-8-1000

7. Transporter 1 Company Name: X

U.S. EPA ID Number: X CARD00143275

8. Designated Facility Name and Site Address: 3512 Old Highway Road, Alhambra, CA 91803

U.S. EPA ID Number: 005417924

Facility's Phone: 562-233-9711

9a. HM: 1. RC, Extensive, Highly Acidic, Corrosive, Solid, H2SO4 (battery acid) (Hazardous Waste), 9, UN 2801, III

10. Containers: No. 1, Type 1

11. Total Quantity: 1

12. Unit Wt./Vol.: 261

13. Waste Codes: 22961 kgs. OSD: 12/30/09

14. Special Handling Instructions and Additional Information: 22961 kgs. OSD: 12/30/09

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Officer's Printed/Typed Name: M. DARR

Signature: [Signature]

Month: 12, Day: 30, Year: 09

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X

Signature: [Signature]

Month: 12, Day: 30, Year: 09

Transporter 2 Printed/Typed Name:

Signature: [Signature]

Month: , Day: , Year:

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator):

U.S. EPA ID Number:

Facility's Phone:

18c. Signature of Alternate Facility (or Generator):

Month: , Day: , Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Janice Varela

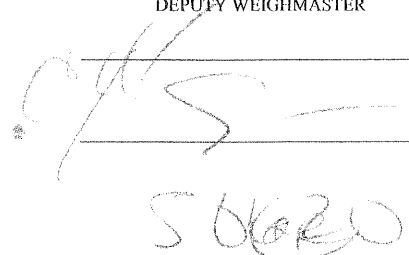
Signature: [Signature]

Month: 12, Day: 30, Year: 09

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



WEIGHT (LB)	TIME	DATE	COMMODITY: HAZARDOUS WASTE
			DEPUTY WEIGHMASTER
GROSS: 112	12:30 PM	12/30/09	 16 S 0620
TARE:			
NET: 112	12:30 PM	12/30/09	
YARDAGE:			

CHEMICAL WASTE MANAGEMENT, INC.  
 WEIGHMASTER weighed at  
 35251 Old Skyline Road  
 Kettleman City, CA

NO: 150935

WEIGHMASTER CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted by a WEIGHMASTER, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by CHAPTER 7 (commencing with §12700) of Division 5 of the California Business & Professions Code, administered by the Division of Measurement Standards of California Department of Food and Agriculture.

GENERATOR 75 JIVE	MANIFEST 100011200000	PROFILE 100011200000
TRACTOR LICENSE # 912000192	TRAILER LICENSE NO. 40000000	RECEIPT # 100011200000

11/10  
37 B19  
1350 JV

12



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number 21146		2. Page 1 of		3. Emergency Response Phone 310-477-1725		4. Manifest Tracking Number <b>005417925 JJK</b>		
		5. Generator's Name and Mailing Address Kaiser Permanente 1001 California St. Oakland, CA 94612 Generator's Site Address (if different than mailing address) Kaiser Permanente 1001 California St. Oakland, CA 94612 USA Generator's Phone: 310-477-1725								
6. Transporter 1 Company Name <b>X 18 Trucking</b>								U.S. EPA ID Number <b>XCAR000143875</b>		
7. Transporter 2 Company Name								U.S. EPA ID Number		
8. Designated Facility Name and Site Address California Waste Management, Inc. 38251 Old Bay View Road Newport City, CA 92365 Facility's Phone: 951-333-8711								U.S. EPA ID Number CA000001317		
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
						No.	Type			
	1.	TO, ENVIRONMENTALLY HAZARDOUS WASTE, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000								
	2.									
	3.									
4.										
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste 21146 kgs. 9E24024 OSD: 12/30/09										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offor's Printed/Typed Name <b>M. DARR</b>					Signature <i>[Signature]</i>			Month Day Year <b>12 30 09</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name <b>X SERGIO F GARCIA</b>					Signature <i>[Signature]</i>			Month Day Year <b>12 30 09</b>		
Transporter 2 Printed/Typed Name					Signature			Month Day Year		
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
Manifest Reference Number:										
18b. Alternate Facility (or Generator) U.S. EPA ID Number										
Facility's Phone:										
18c. Signature of Alternate Facility (or Generator) Month Day Year										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>H132</b>		2.		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name <b>Jamie Varela</b>					Signature <i>[Signature]</i>			Month Day Year <b>12 30 09</b>		



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number		
					005417926 JJK		
5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)					
X 18 TRUCKING		CAROLINA, CA 95008					
Generator's Phone: 510-434-3000							
6. Transporter 1 Company Name		U.S. EPA ID Number					
X 18 TRUCKING		XCAR000143873					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address		U.S. EPA ID Number					
2815 Old Style Road Kearney, CA 94632		CA100043117					
Facility's Phone: 925-835-6711							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
	1. AC. EXT. INHERENTLY FLAMMABLE LIQUIDS, SOLID (Polymers, 2.0301, 2)	1	RT	15	Y	261 RP	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information							
OSD: 12/30/09 20539 kgs.							
VP37561 HFE0342 TRK#204							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name		Signature		Month Day Year			
M. DARR		[Signature]		12 30 09			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name		Signature		Month Day Year			
X ROBIN FABRY		[Signature]		12 30 09			
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H132 2. 3. 4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name		Signature		Month Day Year			
Ramona Ramos		[Signature]		12 30 09			



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC002647778</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>510-967-1780</b>		4. Manifest Tracking Number <b>006299813 JJK</b>			
		5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606</b>						Generator's Site Address (if different than mailing address) <b>1009 66th Ave Oakland, CA</b>			
6. Transporter 1 Company Name <b>X 18 TRUCKING</b>		U.S. EPA ID Number <b>XCA2000143875</b>						7. Transporter 2 Company Name			
8. Designated Facility Name and Site Address <b>Hettlerman Hills (Waste Management) 35251 Old Skyline Road Hettlerman City, CA 93239</b>		U.S. EPA ID Number <b>CAT000646117</b> <del>CAT000646117</del>						Facility's Phone: <b>559-786-6200</b>			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	X	1. <b>RQ, Environmentally hazardous substances, solid, n.o.s., (Polychlorinated biphenyls), 9, UN 2077, III</b>				<b>001 DT</b>		<b>18</b>	<b>Y</b>	<b>261</b>	
		2.									
		3.									
		4.									
14. Special Handling Instructions and Additional Information <b>WM Profile: CA 578935 4FE0342 L 20575 Kg.</b> <b>osdate 12-10-09 VP37561 TRK# 204</b>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Officer's Printed/Typed Name <b>X Ann V. BAUER</b>						Signature <b>X Ann V. Bauer</b>		Month Day Year <b>12 10 09</b>			
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>X ROBIN FABRY</b> Signature <b>X Robin Fabry</b> Month Day Year <b>12 10 09</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____										
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number _____										
	Facility's Phone: _____										
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____										
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H132</b> 2. _____ 3. _____ 4. _____										
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Ginger Adams</b> Signature <b>Ginger Adams</b> Month Day Year <b>12 10 09</b>											



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KAC002647778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>570-967-1786</b>		4. Manifest Tracking Number <b>006299814 JJK</b>			
		5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606</b>				Generator's Site Address (if different than mailing address) <b>1009 66th Ave Oakland, CA</b>				
6. Transporter 1 Company Name <b>X 18 TRUCKING</b>		U.S. EPA ID Number <b>X CAR000143875</b>				7. Transporter 2 Company Name				
8. Designated Facility Name and Site Address <b>Kettleman Hills (Waste Management) 35251 Old Skyline Road Kettleman Hills, CA 95239</b>		U.S. EPA ID Number <b>CAT000646117</b>				Facility's Phone: <b>559-386-6200</b>				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes	
					No.	Type				
	X	1. RQ, Environmentally hazardous substance, solid, n.o.s., (polychlorinated biphenyls), 91 UN3077, III			001	DT	18	Y	261	
14. Special Handling Instructions and Additional Information <b>WM P.O. # CA 578935</b> <b>9524024 os date 12-10-09</b>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offor's Printed/Typed Name: <b>Ann V BAUER</b> Signature: <b>Ann V Bauer</b> Month: <b>12</b> Day: <b>10</b> Year: <b>09</b>										
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name <b>X SERGIO F GARCIA</b>				Signature <b>X Sergio F Garcia</b>		Month: <b>12</b> Day: <b>10</b> Year: <b>09</b>			
	Transporter 2 Printed/Typed Name				Signature		Month: Day: Year:			
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	Manifest Reference Number:									
	18b. Alternate Facility (or Generator) U.S. EPA ID Number									
	Facility's Phone:									
	18c. Signature of Alternate Facility (or Generator) Month: Day: Year:									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>H132</b> 2. 3. 4.										
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name: <b>Ginger Adams</b> Signature: <b>Ginger Adams</b> Month: <b>12</b> Day: <b>10</b> Year: <b>09</b>										



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC002647778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>510-967-1786</b>		4. Manifest Tracking Number <b>006299815 JJK</b>	
		5. Generator's Name and Mailing Address <b>Aspire Public Schools</b> <b>1001 22nd Ave, Suite 100</b> <b>Oakland, CA 94606</b>				Generator's Site Address (if different than mailing address) <b>1009 66th Ave</b> <b>Oakland, CA</b>		
Generator's Phone: <b>510-434-5100</b>		6. Transporter 1 Company Name <b>X 18 TRIR</b>		U.S. EPA ID Number <b>X CARRB00143875</b>				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Kettlemann Hill Waste Management</b> <b>35257 Old Skyline Road</b> <b>Kettlemann City, CA 94739</b>		Facility's Phone: <b>559-386-6200</b>		U.S. EPA ID Number <b>CAT000646117</b> <b>CAT002646117</b>				
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
				No.	Type			
<b>X</b>	<b>1. RQ, Environmentally hazardous substances, solid, n.o.s., (polychlorinated biphenyls), 9, UN3077, III</b>			<b>001</b>	<b>PT</b>	<b>18</b>	<b>Y</b>	<b>261</b>
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information <b>WM Pacific CA 578935</b> <b>21954Kg.</b> <b>OS date 12-10-09</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name <b>X Ann V BAUER</b>				Signature <b>Ann V Bauer</b>		Month Day Year <b>12/10/09</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>X [Signature]</b>				Signature <b>X [Signature]</b>		Month Day Year <b>12/10/09</b>		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number: _____								
18b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H132</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Ginger Adams</b>				Signature <b>[Signature]</b>		Month Day Year <b>12/10/09</b>		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CAC002647778	2. Page 1 of 1	3. Emergency Response Phone 510-967-1786	4. Manifest Tracking Number 006299816 JJK				
5. Generator's Name and Mailing Address Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606		Generator's Site Address (if different than mailing address) 1009 66th Ave Oakland, CA							
Generator's Phone: 510-434-5100									
6. Transporter 1 Company Name X Naman Trucking		U.S. EPA ID Number XCAR000154740							
7. Transporter 2 Company Name		U.S. EPA ID Number							
8. Designated Facility Name and Site Address Kettlemaw Hill Waste Management 3525 Old Lytle Road Kettlemaw City, CA 93239		U.S. EPA ID Number CAT000646117 CAT000646117							
Facility's Phone: 559-386-6200									
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes	
	1. RQ, Environmentally hazardous substances, 20150, n.o.s., polychlorinated biphenyls, 9, UN3077, 11			No.	Type	18	y	261	
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information WM Pkg A/c CA578935 OSD: 12/10/09 26590 Kgs									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name Ann V. Bauer			Signature X Ann V. Bauer			Month Day Year 12 10 09			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name X Heli Villaseca			Signature X Heli Villaseca			Month Day Year 12 10 09			
Transporter 2 Printed/Typed Name			Signature			Month Day Year			
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number									
Facility's Phone:									
18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. H132		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name Ramona Ramos			Signature R. Ramos			Month Day Year 12 10 09			



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC02647778</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>570-967-1786</b>		4. Manifest Tracking Number <b>006299817 JJK</b>	
		5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606</b>		Generator's Site Address (if different than mailing address) <b>1009 66th Ave Oakland, CA</b>		Generator's Phone: <b>570-434-5100</b>			
6. Transporter 1 Company Name <b>X Remote Trucking (9038929)</b>		U.S. EPA ID Number <b>XCAR000180620</b>		7. Transporter 2 Company Name <b>(4HW1956)</b>		U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Hettlerman Hill Church Management 35251 Old Skyline Road Hettlerman City, CA</b>		U.S. EPA ID Number <b>9038929</b>		Facility's Phone: <b>559-386-6200</b>		U.S. EPA ID Number <b>CAT000646117</b>			
<b>GENERATOR</b>	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
					No.	Type			
	<b>X</b>	<b>1. RQ, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (polychlorinated biphenyls), 19, UN3077, III</b>			<b>001</b>	<b>DT</b>	<b>18</b>	<b>Y</b>	<b>24</b>
14. Special Handling Instructions and Additional Information <b>UN Profile CA 578935</b> <b>OSD: 12/10/09</b> <b>20130 kgs.</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name <b>Ann V BAUER</b>									
Signature <b>Ann V Bauer</b>									
Month Day Year <b>12 10 09</b>									
<b>TRANSPORTER</b>	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>X EDMOND ST LAURENT</b>									
Signature <b>X [Signature]</b>									
Month Day Year <b>12 10 09</b>									
Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____ _____ _____									
<b>DESIGNATED FACILITY</b>	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number: _____								
	18b. Alternate Facility (or Generator) U.S. EPA ID Number _____								
	Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H132</b> 2. _____ 3. _____ 4. _____									
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Ramona Ramos</b>									
Signature <b>R.R.</b>									
Month Day Year <b>12 10 09</b>									



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC002647778</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>510-967-1786</b>	4. Manifest Tracking Number <b>006299812 JJK</b>	
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606</b>				Generator's Site Address (if different than mailing address) <b>1009 66th Ave Oakland, CA</b>		
Generator's Phone: <b>510-424-5100</b>				U.S. EPA ID Number <b>XCA00057740</b>		
6. Transporter-1 Company Name <b>X WAMAN TRK</b>				U.S. EPA ID Number		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Hettlerman Hill (Waste Management) 35251 Old Skyline Road Hettlerman City, CA 92239</b>				U.S. EPA ID Number <b>CAT000646119</b> <b>CAT002646117</b>		
Facility's Phone: <b>559-386-6200</b>						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	<b>X</b>	<b>1. RO, Environmentally hazardous substance, solid, n.o.s., (polychlorinated biphenyls), 9, UN 3077, III</b>	<b>001</b>	<b>DT</b>	<b>18</b>	<b>Y</b>
13. Waste Codes						
					<b>261</b>	
14. Special Handling Instructions and Additional Information <b>WM Profile: CA 578935</b> <b>7NB 1661 #69</b> <b>OSD: 12/10/09 24158 lbs.</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <b>Ann V BAUER</b>				Signature <b>Ann V Bauer</b>		Month Day Year <b>12/10/09</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>X DWIGHT BATHIA</b>				Signature <b>X</b>		Month Day Year <b>12/10/09</b>
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)						Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Ginger Adams</b>				Signature <b>Ginger Adams</b>		Month Day Year <b>12/11/09</b>



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number 04007517118		2. Page 1 of 1		3. Emergency Response Phone 800-437-1234		4. Manifest Tracking Number <b>005417521 JJK</b>			
		5. Generator's Name and Mailing Address Jesse Public School 1001 GRIFFIN ST., STE. 100 GRIFFIN, GA 30203 Generator's Phone: 516-84-0037						Generator's Site Address (if different than mailing address) 1001 GRIFFIN AVE. GRIFFIN, GA 30203-2333 USA			
6. Transporter 1 Company Name <b>VILLECAS TRUCKING</b>		U.S. EPA ID Number <b>CAH000206573</b>									
7. Transporter 2 Company Name		U.S. EPA ID Number									
8. Designated Facility Name and Site Address 22321 Old Highway Road GRIFFIN, GA 30203 Facility's Phone: 770-223-0711		U.S. EPA ID Number CAH00034317									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
						No.	Type				
		1. RD, Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), 9, UN3077, W				1	DT	15	Y	611	
		2.									
		3.									
	4.										
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste 20475 Kg. OS date 8-5-10 Shane P. H.											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name <b>JONATHAN FRUSTINE</b> Signature <i>[Signature]</i> Month Day Year <b>08 05 10</b>											
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>JESUS VILLECAS</b> Signature <i>[Signature]</i> Month Day Year <b>08 05 10</b> Transporter 2 Printed/Typed Name Signature Month Day Year										
TRANSPORTER	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	Manifest Reference Number:										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number										
DESIGNATED FACILITY	Facility's Phone:										
	18c. Signature of Alternate Facility (or Generator) Month Day Year										
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>H182</b> 2. 3. 4.											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Jamie Varela</b> Signature <i>[Signature]</i> Month Day Year <b>08 05 10</b>											



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number 0402293-7776		2. Page 1 of 1		3. Emergency Response Phone 310-577-785		4. Manifest Tracking Number <b>005417522 JJK</b>				
		5. Generator's Name and Mailing Address PEACE PLAZA SCHOOL 1022 83rd Ave. Oceanside, CA 92055		Generator's Site Address (if different than mailing address) 1022 83rd Ave. Oceanside, CA 92055 USA								
Generator's Phone: 310-434-6037		6. Transporter 1 Company Name <b>M. E. Trucking</b>						U.S. EPA ID Number <b>CA000185207</b>				
7. Transporter 2 Company Name								U.S. EPA ID Number				
8. Designated Facility Name and Site Address GILSON & SONS WAREHOUSE, INC. 15501 Via Santa Rosa Van Nuys, CA 91411								U.S. EPA ID Number 0400024511				
Facility's Phone: 782-883-2711												
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
						No.	Type					
	1.	22.144 Kg. 4093268 OUT of service date 279-550 Sh PC-H 8-5-10				1	CT	15	Y	611		
	2.											
	3.											
14. Special Handling Instructions and Additional Information Waste codes: 22144 Kg. 4093268 PC-H 8-5-10												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offor's Printed/Typed Name: <b>JONATHAN FAUSTINE</b> Signature: <i>[Signature]</i> Month: <b>03</b> Day: <b>27</b> Year: <b>10</b>												
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: <b>8-5-10</b> Transporter signature (for exports only):											
	17. Transporter Acknowledgment of Receipt of Materials											
TRANSPORTER	Transporter 1 Printed/Typed Name: <b>Mohammed Esler</b>				Signature: <i>[Signature]</i>				Month: <b>08</b> Day: <b>5</b> Year: <b>10</b>			
	Transporter 2 Printed/Typed Name:				Signature:				Month: Day: Year:			
DESIGNATED FACILITY	18. Discrepancy											
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
	Manifest Reference Number:											
	18b. Alternate Facility (or Generator) U.S. EPA ID Number											
	Facility's Phone:											
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:												
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. <b>H132</b> 2. 3. 4.												
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name: <b>Ginger Adams</b> Signature: <i>[Signature]</i> Month: <b>8</b> Day: <b>5</b> Year: <b>10</b>												



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <i>000003-7778</i>		2. Page 1 of		3. Emergency Response Phone <i>510-637-1032</i>		4. Manifest Tracking Number <b>005417534 JJK</b>				
		5. Generator's Name and Mailing Address <i>Maple Public School 1000 30th Ave. Box 100 Oxnard, CA 93033</i>		Generator's Site Address (if different than mailing address) <i>1000 30th Ave. Oxnard, CA 93033-2535 USA</i>								
Generator's Phone: <i>510-131-5057</i>		6. Transporter 1 Company Name <i>MAHAL TRANSPORT</i>						U.S. EPA ID Number <i>CA0000348252</i>				
7. Transporter 2 Company Name								U.S. EPA ID Number				
8. Designated Facility Name and Site Address <i>Maple Public School 1000 30th Ave. Box 100 Oxnard, CA 93033</i>								U.S. EPA ID Number <i>CA0000348252</i>				
Facility's Phone: <i>510-637-1032</i>												
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
						No.	Type					
		1. <i>RC, Environmentally hazardous substance, solid, N.O.S. (polymerized bisphenol A), B, UN3077, III</i>				1	ET	15	Y	<i>611</i>		
		2.										
		3.										
	4.											
14. Special Handling Instructions and Additional Information <i>20793Kg. os date 8-5-10</i> <i>Shane P. H.</i>												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offoror's Printed/Typed Name <i>JONATHAN FAUSTINE</i>										Signature <i>[Signature]</i>		Month Day Year <i>03/29/10</i>
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.: <i>9-5-10</i>											
	Transporter signature (for exports only):											
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials											
	Transporter 1 Printed/Typed Name <i>MAHAR</i>										Signature <i>[Signature]</i>	Month Day Year <i>03/05/2010</i>
	Transporter 2 Printed/Typed Name										Signature	Month Day Year
DESIGNATED FACILITY	18. Discrepancy											
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
	Manifest Reference Number:											
	18b. Alternate Facility (or Generator) U.S. EPA ID Number											
	Facility's Phone:											
	18c. Signature of Alternate Facility (or Generator)										Month Day Year	
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
	1. <i>H132</i>		2.		3.		4.					
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
	Printed/Typed Name <i>Ginger Adams</i>										Signature <i>[Signature]</i>	Month Day Year <i>8/5/10</i>



Keller Canyon Landfill Summary  
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CONTRACT ACTIVITY REPORT  
From: Nov 18, 2009 To: Apr 16, 2010  
Specified Contract: #8208

9254589891

Facility: All Facilities

DETAILED REPORT

Ticket Type: All Ticket Types

Ticket Date	Ticket Number	Customer	Material	Billing Quantity	Minimum Quantity	Maximum Quantity	Material Total	Tax Total	Total	Contract Rate
#8208										
19 Nov 09	539451-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	10.69	TN					
19 Nov 09	539451-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
19 Nov 09	539637-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	13.25	TN					
19 Nov 09	539637-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
20 Nov 09	539729-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	4.96	TN					
20 Nov 09	539729-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
20 Nov 09	539787-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	8.82	TN					
20 Nov 09	539787-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
1 Dec 09	541137-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	16.13	TN					
1 Dec 09	541137-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
1 Dec 09	541130-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	12.22	TN					
1 Dec 09	541130-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
1 Dec 09	541204-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	15.33	TN					
1 Dec 09	541204-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
1 Dec 09	541207-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	15.36	TN					
1 Dec 09	541207-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
1 Dec 09	541208-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	12.29	TN					
1 Dec 09	541208-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
1 Dec 09	541278-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	12.30	TN					
1 Dec 09	541278-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
1 Dec 09	541281-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	2.41	TN					
1 Dec 09	541281-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
16 Dec 09	543664-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	17.38	TN					
16 Dec 09	543664-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
16 Dec 09	543774-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	20.73	TN					
16 Dec 09	543774-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
17 Dec 09	543993-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	12.84	TN					
17 Dec 09	543993-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
17 Dec 09	544032-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	16.97	TN					
17 Dec 09	544032-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
17 Dec 09	544055-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	20.04	TN					
17 Dec 09	544055-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
19 Dec 09	544276-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	19.37	TN					
19 Dec 09	544276-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
19 Dec 09	544297-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	17.51	TN					
19 Dec 09	544297-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
28 Dec 09	545314-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	2.74	TN					
28 Dec 09	545314-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00	LD					
28 Dec 09	545338-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	5.07	TN					

Keller



CONTRACT ACTIVITY REPORT  
From: Nov 18, 2009 To: Apr 16, 2010  
Specified Contract: #8208

925-458-9891

Facility: All Facilities

DETAILED REPORT				Ticket Type: All Ticket Types						
Ticket Date	Ticket Number	Customer	Material	Billing Quantity	Minimum Quantity	Maximum Quantity	Material Total	Tax Total	Total	Contract Rate
28 Dec 09	545338-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
28 Dec 09	545347-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	2.72 TN						
28 Dec 09	545347-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
28 Dec 09	545383-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	4.65 TN						
28 Dec 09	545383-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
1 Mar 10	554552-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	7.11 TN						
1 Mar 10	554552-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
1 Mar 10	554567-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	12.63 TN						
1 Mar 10	554567-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
1 Mar 10	554648-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	10.16 TN						
1 Mar 10	554648-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
1 Mar 10	554651-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	12.11 TN						
1 Mar 10	554651-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
5 Mar 10	555275-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	4.89 TN						
5 Mar 10	555275-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
5 Mar 10	555300-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	4.81 TN						
5 Mar 10	555300-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
5 Mar 10	555299-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	2.24 TN						
5 Mar 10	555299-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
5 Mar 10	555369-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	4.78 TN						
5 Mar 10	555369-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
5 Mar 10	555370-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	3.74 TN						
5 Mar 10	555370-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
6 Mar 10	555422-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	4.43 TN						
6 Mar 10	555422-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
6 Mar 10	555424-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	4.89 TN						
6 Mar 10	555424-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
8 Mar 10	555571-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	26.92 TN						
8 Mar 10	555571-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
8 Mar 10	555638-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	10.91 TN						
8 Mar 10	555638-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
8 Mar 10	555670-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	19.83 TN						
8 Mar 10	555670-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
8 Mar 10	555674-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	12.29 TN						
8 Mar 10	555674-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
9 Mar 10	555759-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	11.99 TN						
9 Mar 10	555759-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
9 Mar 10	555745-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	7.54 TN						
9 Mar 10	555745-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						
9 Mar 10	555837-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	16.95 TN						
9 Mar 10	555837-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD						

Keller



CONTRACT ACTIVITY REPORT  
From: Nov 18, 2009 To: Apr 16, 2010  
Specified Contract: #8208

925458 9891

Facility: All Facilities

DETAILED REPORT

Ticket Type: All Ticket Types

Ticket Date	Ticket Number	Customer	Material	Billing Quantity	Minimum Quantity	Maximum Quantity	Material Total	Tax Total	Total	Contract Rate	Kell
9 Mar 10	555851-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	16.22 TN							
9 Mar 10	555851-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
10 Mar 10	555946-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	15.93 TN							
10 Mar 10	555946-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
10 Mar 10	555966-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	19.24 TN							
10 Mar 10	555966-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
10 Mar 10	555962-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	18.06 TN							
10 Mar 10	555962-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
10 Mar 10	556020-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	18.82 TN							
10 Mar 10	556020-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
10 Mar 10	556030-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	12.84 TN							
10 Mar 10	556030-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
10 Mar 10	556050-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	13.91 TN							
10 Mar 10	556050-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
11 Mar 10	556090-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	20.52 TN							
11 Mar 10	556090-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
11 Mar 10	556126-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	15.58 TN							
11 Mar 10	556126-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
11 Mar 10	556156-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	11.58 TN							
11 Mar 10	556156-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
11 Mar 10	556180-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	12.02 TN							
11 Mar 10	556180-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
11 Mar 10	556196-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	16.33 TN							
11 Mar 10	556196-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
11 Mar 10	556220-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	18.74 TN							
11 Mar 10	556220-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
11 Mar 10	556230-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	15.88 TN							
11 Mar 10	556230-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
11 Mar 10	556238-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	14.52 TN							
11 Mar 10	556238-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
11 Mar 10	556249-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	23.10 TN							
11 Mar 10	556249-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
12 Mar 10	556324-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	15.50 TN							
12 Mar 10	556324-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
12 Mar 10	556351-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	21.86 TN							
12 Mar 10	556351-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
12 Mar 10	556362-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	23.55 TN							
12 Mar 10	556362-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
12 Mar 10	556424-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	18.12 TN							
12 Mar 10	556424-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
12 Mar 10	556460-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	12.68 TN							



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From: Nov 18, 2009 To: Apr 16, 2010  
Specified Contract: #8208

925 458 9891

Facility: All Facilities

DETAILED REPORT

Ticket Type: All Ticket Types

Ticket Date	Ticket Number	Customer	Material	Billing Quantity	Minimum Quantity	Maximum Quantity	Material Total	Tax Total	Total	Contract Rate	kd
12 Mar 10	556460-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
12 Mar 10	556480-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	12.69 TN							
12 Mar 10	556480-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
13 Mar 10	556540-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	14.86 TN							
13 Mar 10	556540-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
15 Mar 10	556688-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	15.72 TN							
15 Mar 10	556688-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
15 Mar 10	556717-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	21.49 TN							
15 Mar 10	556717-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
16 Mar 10	557028-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	5.31 TN							
16 Mar 10	557028-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
16 Mar 10	557070-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	8.12 TN							
16 Mar 10	557070-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
18 Mar 10	557467-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	22.65 TN							
18 Mar 10	557467-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
18 Mar 10	557477-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	22.05 TN							
18 Mar 10	557477-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
18 Mar 10	557500-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	23.14 TN							
18 Mar 10	557500-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
18 Mar 10	557522-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	21.51 TN							
18 Mar 10	557522-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
18 Mar 10	557558-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	24.70 TN							
18 Mar 10	557558-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
18 Mar 10	557572-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	23.11 TN							
18 Mar 10	557572-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
18 Mar 10	557588-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	23.58 TN							
18 Mar 10	557588-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
20 Mar 10	557892-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	24.58 TN							
20 Mar 10	557892-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
20 Mar 10	557894-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	20.39 TN							
20 Mar 10	557894-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
20 Mar 10	557896-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	24.98 TN							
20 Mar 10	557896-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
20 Mar 10	557906-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	24.40 TN							
20 Mar 10	557906-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
20 Mar 10	557903-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	27.80 TN							
20 Mar 10	557903-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
20 Mar 10	557912-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	25.37 TN							
20 Mar 10	557912-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
20 Mar 10	557911-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	25.44 TN							
20 Mar 10	557911-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							



CONTRACT ACTIVITY REPORT  
 From: Nov 18, 2009 To: Apr 16, 2010  
 Specified Contract: #8208

925 458 9891

Facility: All Facilities

DETAILED REPORT					Ticket Type: All Ticket Types				
Ticket Date	Ticket Number	Customer	Material	Billing Quantity	Minimum Quantity	Maximum Quantity	Material Total	Tax Total	Contract Rate
20 Mar 10	557913-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	22.50 TN					
20 Mar 10	557913-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
20 Mar 10	557915-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	22.94 TN					
20 Mar 10	557915-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
20 Mar 10	557918-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	23.23 TN					
20 Mar 10	557918-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
20 Mar 10	557920-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	22.63 TN					
20 Mar 10	557920-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
20 Mar 10	557923-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	23.05 TN					
20 Mar 10	557923-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
20 Mar 10	557930-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	27.23 TN					
20 Mar 10	557930-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
20 Mar 10	557934-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	24.20 TN					
20 Mar 10	557934-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
20 Mar 10	557936-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	29.74 TN					
20 Mar 10	557936-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
20 Mar 10	557941-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	23.29 TN					
20 Mar 10	557941-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
20 Mar 10	557944-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	28.69 TN					
20 Mar 10	557944-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
20 Mar 10	557948-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	26.43 TN					
20 Mar 10	557948-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
20 Mar 10	557949-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	25.40 TN					
20 Mar 10	557949-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
20 Mar 10	557954-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	23.65 TN					
20 Mar 10	557954-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
20 Mar 10	557955-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	23.53 TN					
20 Mar 10	557955-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
20 Mar 10	557956-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	27.43 TN					
20 Mar 10	557956-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
20 Mar 10	557958-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	25.69 TN					
20 Mar 10	557958-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
23 Mar 10	558225-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	17.57 TN					
23 Mar 10	558225-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
23 Mar 10	558232-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	19.14 TN					
23 Mar 10	558232-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
23 Mar 10	558250-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	13.17 TN					
23 Mar 10	558250-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
23 Mar 10	558261-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	22.96 TN					
23 Mar 10	558261-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD					
23 Mar 10	558287-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	22.93 TN					



CONTRACT ACTIVITY REPORT  
From: Nov 18, 2009 To: Apr 16, 2010  
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Facility: All Facilities

DETAILED REPORT					Ticket Type: All Ticket Types						
Ticket Date	Ticket Number	Customer	Material	Billing Quantity	Minimum Quantity	Maximum Quantity	Material Total	Tax Total	Total	Contract Rate	Rate
23 Mar 10	558287-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
23 Mar 10	558298-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	21.50 TN							
23 Mar 10	558298-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
23 Mar 10	558309-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	18.31 TN							
23 Mar 10	558309-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
23 Mar 10	558316-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	21.79 TN							
23 Mar 10	558316-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
23 Mar 10	558347-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	21.82 TN							
23 Mar 10	558347-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
23 Mar 10	558365-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	25.74 TN							
23 Mar 10	558365-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
23 Mar 10	558369-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	14.56 TN							
23 Mar 10	558369-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
23 Mar 10	558383-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	18.39 TN							
23 Mar 10	558383-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
24 Mar 10	558407-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	25.40 TN							
24 Mar 10	558407-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
24 Mar 10	558415-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	27.35 TN							
24 Mar 10	558415-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
24 Mar 10	558432-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	22.21 TN							
24 Mar 10	558432-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
24 Mar 10	558468-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	26.61 TN							
24 Mar 10	558468-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
26 Mar 10	558824-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	27.17 TN							
26 Mar 10	558824-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
26 Mar 10	558838-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	25.27 TN							
26 Mar 10	558838-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
26 Mar 10	558854-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	25.38 TN							
26 Mar 10	558854-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
26 Mar 10	558882-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	25.95 TN							
26 Mar 10	558882-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
26 Mar 10	558901-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	26.52 TN							
26 Mar 10	558901-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
26 Mar 10	558928-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	26.78 TN							
26 Mar 10	558928-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
1 Apr 10	559831-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	33.82 TN							
1 Apr 10	559831-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
1 Apr 10	559834-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	26.24 TN							
1 Apr 10	559834-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							
1 Apr 10	559941-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	25.95 TN							
1 Apr 10	559941-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD							



CONTRACT ACTIVITY REPORT  
 From: Nov 18, 2009 To: Apr 16, 2010  
 Specified Contract: #8208

925 458 9891

Facility: All Facilities

DETAILED REPORT

Ticket Type: All Ticket Types

Ticket Date	Ticket Number	Customer	Material	Billing Quantity	Minimum Quantity	Maximum Quantity	Material Total	Tax Total	Total	Contract Rate
1 Apr 10	559944-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	28.55 TN	0.00	0.00				
1 Apr 10	559944-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD	0.00	0.00				
2 Apr 10	560028-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	27.14 TN	0.00	0.00				
2 Apr 10	560028-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD	0.00	0.00				
2 Apr 10	560039-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	26.62 TN	0.00	0.00				
2 Apr 10	560039-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD	0.00	0.00				
2 Apr 10	560045-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	27.92 TN	0.00	0.00				
2 Apr 10	560045-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD	0.00	0.00				
2 Apr 10	560058-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	27.41 TN	0.00	0.00				
2 Apr 10	560058-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD	0.00	0.00				
2 Apr 10	560066-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	28.05 TN	0.00	0.00				
2 Apr 10	560066-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD	0.00	0.00				
2 Apr 10	560086-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	27.02 TN	0.00	0.00				
2 Apr 10	560086-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD	0.00	0.00				
2 Apr 10	560097-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	26.59 TN	0.00	0.00				
2 Apr 10	560097-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD	0.00	0.00				
2 Apr 10	560109-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	26.29 TN	0.00	0.00				
2 Apr 10	560109-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD	0.00	0.00				
7 Apr 10	560725-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	20.56 TN	0.00	0.00				
7 Apr 10	560725-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD	0.00	0.00				
7 Apr 10	560788-00	674761-0000 - ICS - NORCAL	SW-CONST DEBRIS	19.50 TN	0.00	0.00				
7 Apr 10	560788-01	674761-0000 - ICS - NORCAL	ENVIRONMENTAL FEE	1.00 LD	0.00	0.00				

CONTRACT TOTALS :

Material Summary	Inbound		Outbound		Billing Quantity
	Weight	Volume	Weight	Volume	
YB - SW-CONST DEBRIS	2,476.60 TN	2,906.00 YD	0.00 TN	0.00 YD	2,476.60 TN
() - ENVIRONMENTAL FEE	0.00 TN	0.00 YD	0.00 TN	0.00 YD	133.00 LD
TOTALS	2,476.60 TN	2,906.00 YD	0.00 TN	0.00 YD	



CONTRACT ACTIVITY REPORT  
 From: Nov 18, 2009 To: Apr 16, 2010  
 Specified Contract: #8208

925 458 9891

Facility: All Facilities

DETAILED REPORT

Ticket Type: All Ticket Types

Material	Inbound		Outbound		Billing Quantity	Contract Ordered	Ordered Variance	Total
	Weight	Volume	Weight	Volume				
*** REPORT MATERIAL SUMMARY ***								
YB - SW-CONST DEBRIS	2,476.60 TN	2,906.00 YD	0.00 TN	0.00 YD	2,476.60 TN			
{ } - ENVIRONMENTAL FEE	0.00 TN	0.00 YD	0.00 TN	0.00 YD	133.00 LD			
TOTALS	2,476.60 TN	2,906.00 YD	0.00 TN	0.00 YD				



CONTRACT ACTIVITY REPORT  
From: Nov 18, 2009 To: Apr 16, 2010  
Specified Contract: #8208

\*\*\* REPORT SUMMARY \*\*\*

Total Tickets	133
Total Volume	2,906.00 YD
Total Weight	2,476.60 TN
Total Count	133.00 EA



Vasco Road Landfill Summary  
(P[ } Ææå[ ~ •Å[ å)



CONTRACT ACTIVITY REPORT  
From: Dec 04, 2009 To: Apr 16, 2010  
Specified Contract: 3850Y916805

Facility: All Facilities

DETAILED REPORT

Ticket Type: All Ticket Types

Ticket Date	Ticket Number	Customer	Material	Billing Quantity	Minimum Quantity	Maximum Quantity
3850Y916805						
8 Dec 09	033816-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.23 TN	0.00	0.00
8 Dec 09	033802-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.28 TN	0.00	0.00
8 Dec 09	033831-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	24.23 TN	0.00	0.00
8 Dec 09	033819-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.23 TN	0.00	0.00
8 Dec 09	033825-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.95 TN	0.00	0.00
8 Dec 09	033834-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.51 TN	0.00	0.00
8 Dec 09	033822-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.74 TN	0.00	0.00
8 Dec 09	033827-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.40 TN	0.00	0.00
8 Dec 09	033832-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.43 TN	0.00	0.00
8 Dec 09	033871-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.87 TN	0.00	0.00
8 Dec 09	033873-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.51 TN	0.00	0.00
8 Dec 09	033876-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.55 TN	0.00	0.00
8 Dec 09	033869-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.66 TN	0.00	0.00
8 Dec 09	033870-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	27.11 TN	0.00	0.00
8 Dec 09	033877-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	15.68 TN	0.00	0.00
8 Dec 09	033883-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	25.05 TN	0.00	0.00
8 Dec 09	033891-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.15 TN	0.00	0.00
8 Dec 09	033912-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	24.10 TN	0.00	0.00
8 Dec 09	033921-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.41 TN	0.00	0.00
8 Dec 09	033923-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.80 TN	0.00	0.00
8 Dec 09	033935-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.42 TN	0.00	0.00
8 Dec 09	033933-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.88 TN	0.00	0.00
9 Dec 09	033985-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	27.91 TN	0.00	0.00
9 Dec 09	034003-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	23.04 TN	0.00	0.00
9 Dec 09	034008-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	23.45 TN	0.00	0.00
9 Dec 09	034012-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	24.52 TN	0.00	0.00
9 Dec 09	034000-00	021242-0000 - ICS-NORCAL -	EARTH/DIRT/SOIL	24.33 TN	0.00	0.00
9 Dec 09	034004-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.73 TN	0.00	0.00
9 Dec 09	034019-00	021242-0000 - ICS-NORCAL -	EARTH/DIRT/SOIL	22.37 TN	0.00	0.00
9 Dec 09	034029-00	021242-0000 - ICS-NORCAL -	EARTH/DIRT/SOIL	19.22 TN	0.00	0.00
9 Dec 09	034030-00	021242-0000 - ICS-NORCAL -	EARTH/DIRT/SOIL	20.19 TN	0.00	0.00
9 Dec 09	034031-00	021242-0000 - ICS-NORCAL -	EARTH/DIRT/SOIL	25.16 TN	0.00	0.00
9 Dec 09	034055-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.80 TN	0.00	0.00
9 Dec 09	034054-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.48 TN	0.00	0.00
9 Dec 09	034063-00	021242-0000 - ICS-NORCAL -	EARTH/DIRT/SOIL	23.46 TN	0.00	0.00
9 Dec 09	034065-00	021242-0000 - ICS-NORCAL -	EARTH/DIRT/SOIL	20.30 TN	0.00	0.00
9 Dec 09	034076-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.38 TN	0.00	0.00
9 Dec 09	034081-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.46 TN	0.00	0.00
9 Dec 09	034088-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.48 TN	0.00	0.00



CONTRACT ACTIVITY REPORT  
From: Dec 04, 2009 To: Apr 16, 2010  
Specified Contract: 3850Y916805

Facility: All Facilities

DETAILED REPORT

Ticket Type: All Ticket Types

Ticket Date	Ticket Number	Customer	Material	Billing Quantity	Minimum Quantity	Maximum Quantity
9 Dec 09	034091-00	021242-0000 - ICS-NORCAL -	EARTH/DIRT/SOIL	19.28 TN	0.00	0.00
9 Dec 09	034095-00	021242-0000 - ICS-NORCAL -	EARTH/DIRT/SOIL	20.32 TN	0.00	0.00
9 Dec 09	034096-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	23.87 TN	0.00	0.00
9 Dec 09	034106-00	021242-0000 - ICS-NORCAL -	EARTH/DIRT/SOIL	20.31 TN	0.00	0.00
9 Dec 09	034122-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.02 TN	0.00	0.00
9 Dec 09	034123-00	021242-0000 - ICS-NORCAL -	EARTH/DIRT/SOIL	19.85 TN	0.00	0.00
9 Dec 09	034143-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.38 TN	0.00	0.00
9 Dec 09	034144-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.72 TN	0.00	0.00
9 Dec 09	034150-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	15.80 TN	0.00	0.00
14 Dec 09	034617-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.71 TN	0.00	0.00
14 Dec 09	034618-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.18 TN	0.00	0.00
14 Dec 09	034621-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.73 TN	0.00	0.00
14 Dec 09	034622-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.04 TN	0.00	0.00
14 Dec 09	034630-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	24.59 TN	0.00	0.00
14 Dec 09	034677-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.95 TN	0.00	0.00
14 Dec 09	034682-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	11.34 TN	0.00	0.00
14 Dec 09	034685-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	13.28 TN	0.00	0.00
14 Dec 09	034686-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.29 TN	0.00	0.00
14 Dec 09	034688-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.88 TN	0.00	0.00
14 Dec 09	034692-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.51 TN	0.00	0.00
14 Dec 09	034722-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.55 TN	0.00	0.00
14 Dec 09	034726-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.32 TN	0.00	0.00
14 Dec 09	034733-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	29.32 TN	0.00	0.00
14 Dec 09	034735-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.14 TN	0.00	0.00
14 Dec 09	034741-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.76 TN	0.00	0.00
14 Dec 09	034743-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.02 TN	0.00	0.00
15 Dec 09	034784-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.43 TN	0.00	0.00
15 Dec 09	034790-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	14.21 TN	0.00	0.00
15 Dec 09	034796-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.98 TN	0.00	0.00
15 Dec 09	034811-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.05 TN	0.00	0.00
15 Dec 09	034821-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.59 TN	0.00	0.00
15 Dec 09	034842-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.61 TN	0.00	0.00
15 Dec 09	034855-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	15.97 TN	0.00	0.00
15 Dec 09	034860-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.78 TN	0.00	0.00
15 Dec 09	034868-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.12 TN	0.00	0.00
15 Dec 09	034871-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.68 TN	0.00	0.00
15 Dec 09	034889-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.12 TN	0.00	0.00
15 Dec 09	034905-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	14.86 TN	0.00	0.00
15 Dec 09	034912-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.82 TN	0.00	0.00
15 Dec 09	034923-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.24 TN	0.00	0.00
15 Dec 09	034927-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.21 TN	0.00	0.00



CONTRACT ACTIVITY REPORT  
From: Dec 04, 2009 To: Apr 16, 2010  
Specified Contract: 3850Y916805

Facility: All Facilities

DETAILED REPORT

Ticket Type: All Ticket Types

Ticket Date	Ticket Number	Customer	Material	Billing Quantity	Minimum Quantity	Maximum Quantity
17 Dec 09	035182-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.33 TN	0.00	0.00
17 Dec 09	035187-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.75 TN	0.00	0.00
17 Dec 09	035196-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.97 TN	0.00	0.00
17 Dec 09	035202-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.88 TN	0.00	0.00
17 Dec 09	035207-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.73 TN	0.00	0.00
17 Dec 09	035213-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.62 TN	0.00	0.00
17 Dec 09	035230-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.09 TN	0.00	0.00
17 Dec 09	035234-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	24.56 TN	0.00	0.00
17 Dec 09	035240-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.44 TN	0.00	0.00
17 Dec 09	035244-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.25 TN	0.00	0.00
17 Dec 09	035250-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.34 TN	0.00	0.00
17 Dec 09	035255-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.21 TN	0.00	0.00
17 Dec 09	035259-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.67 TN	0.00	0.00
17 Dec 09	035264-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.63 TN	0.00	0.00
17 Dec 09	035293-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.51 TN	0.00	0.00
17 Dec 09	035301-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.59 TN	0.00	0.00
17 Dec 09	035305-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.09 TN	0.00	0.00
17 Dec 09	035311-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	15.81 TN	0.00	0.00
17 Dec 09	035317-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.23 TN	0.00	0.00
17 Dec 09	035324-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.45 TN	0.00	0.00
17 Dec 09	035329-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.99 TN	0.00	0.00
18 Dec 09	035395-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.79 TN	0.00	0.00
18 Dec 09	035399-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.33 TN	0.00	0.00
18 Dec 09	035406-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.93 TN	0.00	0.00
18 Dec 09	035415-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.78 TN	0.00	0.00
18 Dec 09	035444-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.91 TN	0.00	0.00
18 Dec 09	035452-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.17 TN	0.00	0.00
18 Dec 09	035466-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.19 TN	0.00	0.00
18 Dec 09	035470-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.46 TN	0.00	0.00
18 Dec 09	035477-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.12 TN	0.00	0.00
18 Dec 09	035483-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.38 TN	0.00	0.00
18 Dec 09	035488-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.83 TN	0.00	0.00
18 Dec 09	035500-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.52 TN	0.00	0.00
18 Dec 09	035503-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.45 TN	0.00	0.00
18 Dec 09	035506-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.57 TN	0.00	0.00
18 Dec 09	035514-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.02 TN	0.00	0.00
18 Dec 09	035521-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	23.51 TN	0.00	0.00
18 Dec 09	035523-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	23.00 TN	0.00	0.00
19 Dec 09	035549-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.30 TN	0.00	0.00
19 Dec 09	035550-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.00 TN	0.00	0.00
19 Dec 09	035551-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.95 TN	0.00	0.00



CONTRACT ACTIVITY REPORT  
From: Dec 04, 2009 To: Apr 16, 2010  
Specified Contract: 3850\916805

Facility: All Facilities

DETAILED REPORT				Ticket Type: All Ticket Types		
Ticket Date	Ticket Number	Customer	Material	Billing Quantity	Minimum Quantity	Maximum Quantity
19 Dec 09	035556-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.20 TN	0.00	0.00
19 Dec 09	035561-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.39 TN	0.00	0.00
19 Dec 09	035557-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.63 TN	0.00	0.00
19 Dec 09	035560-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.74 TN	0.00	0.00
19 Dec 09	035563-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.79 TN	0.00	0.00
19 Dec 09	035565-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.87 TN	0.00	0.00
19 Dec 09	035579-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.40 TN	0.00	0.00
19 Dec 09	035582-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.31 TN	0.00	0.00
19 Dec 09	035584-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.41 TN	0.00	0.00
19 Dec 09	035589-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.73 TN	0.00	0.00
19 Dec 09	035593-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.80 TN	0.00	0.00
19 Dec 09	035597-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.43 TN	0.00	0.00
19 Dec 09	035599-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.11 TN	0.00	0.00
19 Dec 09	035603-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.70 TN	0.00	0.00
19 Dec 09	035604-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.40 TN	0.00	0.00
19 Dec 09	035617-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	25.35 TN	0.00	0.00
19 Dec 09	035618-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.73 TN	0.00	0.00
19 Dec 09	035621-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.85 TN	0.00	0.00
19 Dec 09	035626-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.44 TN	0.00	0.00
19 Dec 09	035628-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.83 TN	0.00	0.00
22 Dec 09	035872-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.34 TN	0.00	0.00
22 Dec 09	035877-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.70 TN	0.00	0.00
22 Dec 09	035878-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.19 TN	0.00	0.00
22 Dec 09	035882-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.25 TN	0.00	0.00
22 Dec 09	035885-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.42 TN	0.00	0.00
22 Dec 09	035887-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.52 TN	0.00	0.00
22 Dec 09	035890-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.00 TN	0.00	0.00
22 Dec 09	035894-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.68 TN	0.00	0.00
22 Dec 09	035912-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.69 TN	0.00	0.00
22 Dec 09	035931-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.28 TN	0.00	0.00
22 Dec 09	035937-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.27 TN	0.00	0.00
22 Dec 09	035940-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.91 TN	0.00	0.00
22 Dec 09	035948-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.86 TN	0.00	0.00
22 Dec 09	035950-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.90 TN	0.00	0.00
22 Dec 09	035953-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.76 TN	0.00	0.00
22 Dec 09	035958-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.66 TN	0.00	0.00
22 Dec 09	035961-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.75 TN	0.00	0.00
22 Dec 09	035966-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.10 TN	0.00	0.00
22 Dec 09	035984-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.64 TN	0.00	0.00
22 Dec 09	035991-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.06 TN	0.00	0.00
22 Dec 09	035995-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.76 TN	0.00	0.00



CONTRACT ACTIVITY REPORT  
From: Dec 04, 2009 To: Apr 16, 2010  
Specified Contract: 3850916805

Facility: All Facilities

DETAILED REPORT

Ticket Type: All Ticket Types

Ticket Date	Ticket Number	Customer	Material	Billing Quantity	Minimum Quantity	Maximum Quantity
22 Dec 09	036009-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.56 TN	0.00	0.00
22 Dec 09	036013-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.50 TN	0.00	0.00
22 Dec 09	036015-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.35 TN	0.00	0.00
22 Dec 09	036018-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.85 TN	0.00	0.00
22 Dec 09	036023-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.71 TN	0.00	0.00
22 Dec 09	036028-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.22 TN	0.00	0.00
22 Dec 09	036046-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.04 TN	0.00	0.00
28 Dec 09	036657-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.41 TN	0.00	0.00
30 Dec 09	037036-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	29.96 TN	0.00	0.00
31 Dec 09	037110-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.95 TN	0.00	0.00
31 Dec 09	037112-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.08 TN	0.00	0.00
31 Dec 09	037116-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.30 TN	0.00	0.00
31 Dec 09	037120-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.97 TN	0.00	0.00
31 Dec 09	037123-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.38 TN	0.00	0.00
31 Dec 09	037128-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.34 TN	0.00	0.00
31 Dec 09	037135-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.73 TN	0.00	0.00
31 Dec 09	037143-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.02 TN	0.00	0.00
31 Dec 09	037142-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.77 TN	0.00	0.00
31 Dec 09	037146-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	24.39 TN	0.00	0.00
31 Dec 09	037151-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	23.58 TN	0.00	0.00
31 Dec 09	037179-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	24.16 TN	0.00	0.00
31 Dec 09	037169-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	15.40 TN	0.00	0.00
31 Dec 09	037186-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.45 TN	0.00	0.00
31 Dec 09	037188-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.09 TN	0.00	0.00
31 Dec 09	037170-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.89 TN	0.00	0.00
31 Dec 09	037173-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.32 TN	0.00	0.00
31 Dec 09	037176-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.54 TN	0.00	0.00
31 Dec 09	037183-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.86 TN	0.00	0.00
31 Dec 09	037187-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.83 TN	0.00	0.00
31 Dec 09	037193-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.29 TN	0.00	0.00
31 Dec 09	037194-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.42 TN	0.00	0.00
31 Dec 09	037196-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.32 TN	0.00	0.00
31 Dec 09	037218-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	23.22 TN	0.00	0.00
31 Dec 09	037221-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.49 TN	0.00	0.00
31 Dec 09	037225-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.84 TN	0.00	0.00
4 Jan 10	037412-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.51 TN	0.00	0.00
4 Jan 10	037415-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.79 TN	0.00	0.00
4 Jan 10	037423-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.48 TN	0.00	0.00
4 Jan 10	037428-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.46 TN	0.00	0.00
4 Jan 10	037439-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.95 TN	0.00	0.00
4 Jan 10	037440-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	26.11 TN	0.00	0.00



CONTRACT ACTIVITY REPORT  
From: Dec 04, 2009 To: Apr 16, 2010  
Specified Contract: 3850Y916805

Facility: All Facilities

DETAILED REPORT

Ticket Type: All Ticket Types

Ticket Date	Ticket Number	Customer	Material	Billing Quantity	Minimum Quantity	Maximum Quantity
4 Jan 10	I 037444-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	25.80 TN	0.00	0.00
4 Jan 10	I 037446-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.14 TN	0.00	0.00
4 Jan 10	I 037461-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.54 TN	0.00	0.00
4 Jan 10	I 037457-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.24 TN	0.00	0.00
4 Jan 10	I 037460-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.81 TN	0.00	0.00
4 Jan 10	I 037472-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.98 TN	0.00	0.00
4 Jan 10	I 037475-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.71 TN	0.00	0.00
4 Jan 10	I 037512-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.34 TN	0.00	0.00
4 Jan 10	I 037518-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.00 TN	0.00	0.00
4 Jan 10	I 037520-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.65 TN	0.00	0.00
4 Jan 10	I 037521-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	23.12 TN	0.00	0.00
4 Jan 10	I 037526-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	24.92 TN	0.00	0.00
4 Jan 10	I 037531-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.34 TN	0.00	0.00
4 Jan 10	I 037538-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.77 TN	0.00	0.00
4 Jan 10	I 037550-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.87 TN	0.00	0.00
4 Jan 10	I 037552-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	23.12 TN	0.00	0.00
4 Jan 10	I 037583-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.51 TN	0.00	0.00
4 Jan 10	I 037590-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	17.34 TN	0.00	0.00
4 Jan 10	I 037607-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	25.54 TN	0.00	0.00
4 Jan 10	I 037612-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	23.99 TN	0.00	0.00
4 Jan 10	I 037613-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	24.90 TN	0.00	0.00
5 Jan 10	I 037684-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.96 TN	0.00	0.00
5 Jan 10	I 037685-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.72 TN	0.00	0.00
5 Jan 10	I 037696-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	23.32 TN	0.00	0.00
5 Jan 10	I 037698-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	25.11 TN	0.00	0.00
5 Jan 10	I 037705-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.96 TN	0.00	0.00
5 Jan 10	I 037718-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	16.69 TN	0.00	0.00
5 Jan 10	I 037733-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	27.99 TN	0.00	0.00
5 Jan 10	I 037736-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.71 TN	0.00	0.00
5 Jan 10	I 037742-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	25.02 TN	0.00	0.00
5 Jan 10	I 037745-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	18.26 TN	0.00	0.00
5 Jan 10	I 037756-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.95 TN	0.00	0.00
5 Jan 10	I 037764-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.05 TN	0.00	0.00
5 Jan 10	I 037765-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.34 TN	0.00	0.00
5 Jan 10	I 037769-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	27.85 TN	0.00	0.00
5 Jan 10	I 037770-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.69 TN	0.00	0.00
5 Jan 10	I 037794-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.57 TN	0.00	0.00
5 Jan 10	I 037796-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.94 TN	0.00	0.00
5 Jan 10	I 037812-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	28.34 TN	0.00	0.00
5 Jan 10	I 037816-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	21.18 TN	0.00	0.00
5 Jan 10	I 037819-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.39 TN	0.00	0.00



CONTRACT ACTIVITY REPORT  
 From: Dec 04, 2009 To: Apr 16, 2010  
 Specified Contract: 3850916805

Facility: All Facilities

DETAILED REPORT				Ticket Type: All Ticket Types		
Ticket Date	Ticket Number	Customer	Material	Billing Quantity	Minimum Quantity	Maximum Quantity
5 Jan 10	I 037824-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	26.29 TN	0.00	0.00
5 Jan 10	I 037825-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	20.46 TN	0.00	0.00
5 Jan 10	I 037838-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	22.06 TN	0.00	0.00
5 Jan 10	I 037839-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	24.25 TN	0.00	0.00
6 Jan 10	I 037905-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.25 TN	0.00	0.00
6 Jan 10	I 037959-00	021242-0000 - ICS-NORCAL -	SW-CONT SOIL	19.03 TN	0.00	0.00

CONTRACT TOTALS :

Material Summary	Inbound		Outbound		Billing Quantity	Contract Ordered	Ordered Variance
	Weight	Volume	Weight	Volume			
CE - EARTH/DIRT/SOIL	0.00 TN	0.00 YD	234.79 TN	0.00 YD	234.79 TN	0.00	234.79
VG - SW-CONT SOIL	4,867.25 TN	0.00 YD	0.00 TN	0.00 YD	4,867.25 TN	0.00	4,867.25
TOTALS	4,867.25 TN	0.00 YD	234.79 TN	0.00 YD	5102.04 Tons		



**Attachment 5**

Operations and Maintenance  
Plan and Soil Management Plan



**Aspire Public Schools - College for  
Certain, LLC**

**Operation and Maintenance  
Plan for Cap Mitigation  
Measures**

Aspire Public Schools - College for Certain, LLC  
Former Pacific Electric Motors Site  
1009 66th Avenue  
Oakland, California  
(Alameda County Department of Environmental  
Health Fuel Leak Case Number RO0000411)

May 2014





A handwritten signature in black ink, appearing to be "R. Goloubow", written over a horizontal line.

Ron Goloubow, P.G. (8655)  
Principal Geologist

**Operation and Maintenance  
Plan for Cap Mitigation  
Measures**

Aspire Public Schools - College for  
Certain, LLC  
Former Pacific Electric Motors Site  
1009 66th Avenue,  
Oakland, California  
(Fuel Leak Case Number  
RO0000411)

Prepared for:  
Aspire Public Schools -  
College for Certain, LLC  
1001 22nd Avenue Suite 100  
Oakland, California 94606

Prepared by:  
ARCADIS U.S., Inc.  
2000 Powell Street, Suite 700  
Emeryville, CA 94608  
Tel 510 652 4500  
Fax 510 652 4906

Our Ref.:  
EM009155.0010

Date:  
May 2014

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A	Inspection Checklist for Engineering Controls
B	Soil Management Plan
C	Annual Inspection Summary Report Outline



## **1. Operation and Maintenance Overview**

### **1.1 Introduction**

On behalf of Aspire Public Schools (Aspire) and College for Certain, LLC (CFC), ARCADIS U.S., Inc. (ARCADIS) has prepared this Operation and Maintenance (O&M) Plan for the surface cap installed at the former Pacific Electric Motors (PEM) site located at 1009 66<sup>th</sup> Avenue, Oakland, California (the Site; Figures 1 and 2). The purpose of the surface cap is to mitigate the exposure to soil containing polychlorinated biphenyls (PCBs) and other contaminants (e.g., lead and arsenic) at the Site. The surface cap will be in place at the Site in perpetuity. Should the land use change and/or the current structures (e.g., foundations, slab, pavement, and landscape areas that comprise the cap) are to be modified and/or removed, then the land owner will be obligated to contact the U.S. Environmental Protection Agency (USEPA) and the Alameda County Department of Environmental Health (ACEH) to present the new land use and plan to mitigate soil containing PCB, lead, and arsenic that is present at the Site. The USEPA and ACEH will be notified of a proposed change to the surface cap at least two weeks prior to the scheduled work.

Specific sampling and health and safety procedures to be implemented during future site modification that could disturb site soil, such as the repair of a subsurface utility at the Site, are presented in the Soil Management Plan (SMP) that is included as Appendix B to this document.

This O&M Plan is incorporated into the Land Use Covenant that is to be placed on the deed for this property. This O&M Plan includes procedures for:

1. Long-term operation, maintenance, monitoring (inspection), and repair of the engineering controls (i.e., the cap [including all of its components]) in perpetuity; and
2. Management of soils containing PCBs and other contaminants at the Site.

### **1.2 Background**

Activities conducted at the Site by previous owners and operators of the property resulted in the presence of soil containing total petroleum hydrocarbons (TPH) as gasoline (TPHg), TPH as diesel (TPHd), TPH as motor oil (TPHmo), arsenic, lead, semivolatile organic compounds (SVOCs), PCBs, and volatile organic compounds



(VOCs). The removal action(s) were conducted in accordance with the following documents:

- Revised Corrective Action Plan, Proposed Aspire High School Site, 1009 66th Avenue, Oakland, California, dated July 17, 2009 (the revised CAP; ARCADIS 2009a).
- Self-Implementing Cleanup Plan (SICP) presented in a letter to the USEPA dated October 23, 2009 (ARCADIS 2009b) as modified by ARCADIS' November 18, 2009 (ARCADIS 2009c) and January 14, 2010 (ARCADIS 2010a) letters and USEPA's conditional approvals.
- USEPA's November 13, 2009 letter conditionally approving (Original Approval) ARCADIS' SICP (USEPA 2009a) and USEPA's amendments to that approval (Subsequent Approvals) dated April 5 and June 16, 2011 (USEPA 2011a, 2011b). USEPA's Original and Subsequent Approvals modified ARCADIS' SICP and ARCADIS' amendments to the SICP.

In order to mitigate any exposure to soil containing PCBs that is present at the Site, CFC has installed a surface cover (a cap) across the entire Site consisting of both hardscaped and landscaped areas. Details regarding this cap are provided on Figure 3. The thicknesses of the various elements of the cap were approved by the USEPA in their letters to CFC dated April 5 and June 16, 2011 (USEPA 2011a, USEPA 2011b).

#### 1.2.1 Revised Corrective Action Plan

The Revised CAP summarized the results of previous investigations, presented the site conceptual model, quantified the baseline risk of constituents of concern (COCs), developed site-specific risk-based cleanup goals, evaluated potential remedies, and presented an implementation plan for the selected remedies. Remedial activities conducted at the Site included completion of the excavation activities as presented in the Revised CAP (ARCADIS 2009a) and the operation of the soil-vapor extraction/air sparging (SVE/AS) system. The revised CAP was approved by the ACEH in their letter to Aspire dated August 13, 2009 (ACEH 2009). The implementation of the CAP was reported to ACEH (and USEPA) in the report titled "Soil Removal Action Completion Report, College for Certain, LLC, Former Pacific Electric Motors, 1009 66<sup>th</sup> Avenue, Oakland, California (Fuel Leak Case No. RO0000411)," dated September 15, 2010 (ARCADIS 2010c). In addition, areas of PCB-containing soil were remediated in accordance with the CAP, the SICP submitted to the USEPA on October 23, 2009



(ARCADIS 2009b), the response letter from U.S.EPA dated November 13, 2009 (USEPA 2009a), and ARCADIS' response letters to EPA dated November 18, 2009 (ARCADIS 2009c) and January 14, 2010 (ARCADIS 2010a). The configuration of the cap presented in Section 3 was presented in a letter to the USEPA by ARCADIS dated April 25, 2011 and the configuration of the cap was approved by USEPA in a letter dated June 16, 2011.

#### 1.2.2 Self-Implementing Cleanup Plan

To address building materials and soil containing PCBs at the Site, ARCADIS prepared a SICIP and submitted the document to the USEPA on October 23, 2009 (ARCADIS 2009b). The SICIP received conditional approval from the USEPA in its letter to Aspire dated November 13, 2009 (Approval Letter; USEPA 2009a). The conditions provided in the Approval Letter were addressed in a letter transmitted by ARCADIS to the USEPA dated November 18, 2009 (ARCADIS 2009c). The scope of the SICIP was further refined in an e-mail message from representatives of the USEPA to ARCADIS dated November 25, 2009 (USEPA 2009b).

The removal of the soil (and building materials) containing PCBs was documented in a letter report that was prepared in accordance with the Toxic Substance Control Act (TSCA) and transmitted to USEPA on August 13, 2010 (the TSCA Report; ARCADIS 2010b) and the Revised PCB Cleanup Completion Report dated May 16, 2014 (ARCADIS 2014).

The SICIP addressed the following PCB-related issues:

- The demolition of structures and associated infrastructure formerly located on the Site.
- The collection and analysis of additional soil samples and samples of the building materials associated with the former warehouses that were demolished in January 2010.
- The remediation (excavation) of four areas of the Site where soil containing PCBs had been identified through soil samples collected at the Site.

Following the implementation and completion of the SICIP activities, ARCADIS prepared a summary letter report documenting the removal of the PCB-containing soil at the Site (the Summary Report; ARCADIS 2010c). That report was prepared in



accordance with §40 Code of Federal Regulations (CFR) §761.125(c)(5) to describe the implementation of the TSCA SICP at the Site.

As discussed in conference calls and through the exchange of e-mail messages, the analytical results of confirmation soil samples collected at some locations at the Site during the SICP indicate that there are 12 locations where PCB-containing soil at concentrations greater than the cleanup criteria of 0.130 milligram per kilogram (mg/kg) is still present at the Site after the SICP was completed and prior to grading at the Site (ARCADIS 2014). The locations of the confirmation soil samples that contained PCB at concentrations greater than the cleanup criteria are illustrated on Figure 3. However, due to geotechnical work conducted to strengthen site soils for the redevelopment of the Site, the soil currently in those 12 locations may have been mixed with other soils. Thus the PCB-containing soil may be at locations that are not represented by the samples collected in those locations before the geotechnical and grading work. The geotechnical work to strengthen the soil included the cement treatment of the upper 18 inches of soil across the Site. This may have resulted in the movement of soil at the 12 locations where PCBs were detected at concentrations greater than the cleanup goal. ProUCL calculations prior to grading and geotechnical work at the site demonstrated a 95% Upper Confidence Limit (UCL) of PCB containing soil of 0.174 mg/kg total PCBs for the Site, which was slightly higher than the cleanup level of 0.130 total PCBs. However, the soils are covered by the cap.

In addition, approximately 25 yards of soil that contained PCBs at concentrations greater than the cleanup criteria were excavated and placed on site within the area of the Site where soil containing PCBs was already to remain in place at soil sample locations W1-WSDWall 2' and W2-WSDWall 2' (depicted on Figure 3). The encapsulated soil was placed at an elevation of approximately 2.5 to 3 feet set to the City of Oakland Vertical Datum, which is equivalent to approximately 5 feet below the surface of the pavement in this area of the Site. The excavation where the soil was placed was lined with Geotextile fabric and the soil was also covered with Geotextile fabric prior to raising the grade and compacting the area.

As presented in the Revised PCB Cleanup Completion Report (ARCADIS 2014), the following measures have been implemented at the Site to mitigate potential exposure to these soils and ensure these measures remain effective over time:

- Installation of TSCA cap across the surface of the Site
- Preparation of a Land Use Covenant



- Preparation of this O&M Plan (including the SMP)

The mitigation measures were implemented consistent with USEPA's requirements in its June 16, 2011 letter modifying the Original Approval and the TSCA PCB regulations in 40 CFR 761.61(c). In order to prevent future exposures to soil at the Site that contains PCBs at concentrations greater than 0.130 mg/kg, a cap consisting of both hardscaped and landscaped areas was installed over the entire Site. Details regarding this cap are provided on Figure 3. An O&M program consisting of inspections, maintenance, and repairs to the cap is required for implementation in perpetuity by the owner of the property to protect the installed cap and ensure the cap continues to provide adequate protection to site users. Intrusive activities, as defined in Section 5, are prohibited at the school site unless USEPA and the ACEH and other applicable regulatory agencies are notified of such planned modifications to the cap, the notification includes detailed plans describing the intended modifications, and USEPA and ACEH approve such modifications. In addition, such modifications must be consistent with the provisions of the Land Use Covenant for the Aspire Golden State College Preparatory Academy. The O&M Plan, if acceptable to USEPA, may be used to draft the environmental restrictions of the Land Use Covenant. The USPEA and ACEH will be notified of a proposed change to the surface cap at least two weeks prior to the scheduled work.

### **1.3 Operation and Maintenance Goals and Objectives**

The primary goals of the O&M Plan are: (1) to prevent exposure to the soil containing PCBs; and (2) to protect the health of students, faculty, staff, O&M personnel, and visitors at the school site.

In order to accomplish these goals, the O&M Plan will address the following objectives:

- Minimize disturbances of PCB-containing soils;
- Describe the mitigation remedy, including the installed cap systems;
- Establish an inspection, maintenance, and repair program to identify areas of exposed PCB-containing soils or damaged cap system, and evaluate ongoing remedy effectiveness;
- Provide for timely repair or replacement, as needed, to restore damaged cap systems (repairs to the cap will be completed within 45 days of their discovery);



- Provide for record-keeping of inspections, maintenance, repairs, and reporting; and
- Maintain the records of inspections, maintenance, and repairs at the offices of both CFC and Aspire.

#### **1.4 O&M Personnel Roles and Responsibilities**

CFC will retain or employ and designate the following key O&M personnel responsible for implementing the O&M Plan at the school site: O&M Coordinator and O&M Professional. When necessary, the school will employ qualified contractors who will follow the SMP to perform intrusive work impacting the installed cap system at the school site. The SMP is included as Appendix B.

The names, contact information, and roles and responsibilities of key O&M personnel are included in the following sections.

##### **1.4.1 O&M Coordinator**

The O&M Coordinator will have knowledge of the site conditions including the presence of the PCB-containing soil, the presence of the cap mitigating exposure to the soil, and the O&M requirements related to the cap. The role of the O&M Coordinator is to work with the O&M Professional to ensure that the O&M Plan is implemented at the Site.

Mala Batra / Tim Simon  
Aspire Public Schools  
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The responsibilities of the O&M Coordinator are to:

- Implement the O&M Plan;



- Be familiar with site conditions and cap systems installed at the school site;
- Evaluate work orders to determine if work will disturb the cap and native soil;
- Coordinate the intrusive work once the work has been approved by the USEPA and ACEH;
- Accompany the O&M Professional during annual inspections;
- Submit the Annual Inspection Summary Reports, and Intrusive Work Completion/Incident Reports to USEPA and ACEH;
- Ensure the retention of reports, forms, and records for five years; and
- Ensure that activities that may disturb the cap will not be conducted at the school site without the knowledge and approval of the O&M Coordinator and prior to USEPA/ACEH approval.

Note: The O&M Coordinator cannot make decisions regarding the cap without the approval of USEPA and ACEH when those decisions require regulatory agency involvement and approval.

#### 1.4.2 O&M Professional

The O&M Professional shall conduct the annual inspections. The O&M professional is defined as a California-registered engineer or geologist with expertise in conducting soil investigation and remediation (e.g., an engineer or geologist who is familiar with the cap system installed at the school site). The responsibilities of the O&M Professional are to:

- Conduct annual inspections in accordance with Section 4.1 below;
- Prepare and sign Annual Inspection Summary Reports; and
- Perform other environmental professional work related to the school site.



## **2. Site Description**

The Site is located on the northwestern side of 66<sup>th</sup> Avenue between East 14th Street and San Leandro Street (Figures 1 and 2). The area around the Site is developed with a mixture of commercial, industrial, government, and multi-family residential buildings. The Site is currently owned by Aspire (CFC is a limited liability partnership that was formed by Aspire). Additional historical land use information for the Site was presented in the Revised CAP (ARCADIS 2009a).

The first industrial development of the property occurred around 1948 when the two buildings were constructed by PEM. PEM occupied the Site from 1948 to 2001. Activities conducted at the Site by PEM included manufacturing specialty magnets, power supplies, and components, and repairing motors, generators, transformers, and magnets. A 2,000-gallon gasoline underground storage tank (UST) was reportedly installed at the Site by PEM in 1975. In addition, the gasoline shed in the fueling area may have stored vehicle lubricants and oil for vehicle maintenance.

The structures that were on the property were demolished between November 2009 and February 2010 and the property was redeveloped into a school between March 2010 and September 2011. There are plans to construct a gymnasium at the Site in the summer of 2015.

### **2.1 Previous Site Investigations and Mitigation**

PEM removed the 2,000-gallon gasoline UST and associated pump island, piping, storage shed, and appurtenances in 1995. The UST was reportedly in good condition with no holes evident; however, free-phase gasoline product was observed on the water surface in the tank excavation (W.A. Craig 1997). Approximately 1,500 cubic yards of soil were removed in two excavation iterations completed during 1995 and stockpiled on the northern portion of the Site. Approximately 116,000 gallons of petroleum hydrocarbon-contaminated ground water were pumped from the excavation. Site investigation work during this time also included drilling GeoProbe borings (between excavation iterations) in an attempt to define the lateral and vertical extent of gasoline constituents. A dewatering sump used during soil excavation was later converted to an 8-inch-diameter well (thought to be WAC-1) during backfilling operations. Backfill reportedly consisted of clean, imported fill material. Reports indicate that the stockpiled excavated soils were disposed of in 1997 (W.A. Craig 1995a, 1995b, 1995c, 1997).



A 30-foot-wide by 70-foot-long by 9-foot-deep excavation for the remediation of petroleum hydrocarbon-contaminated soils was completed in April 2002 to the south of the original UST remedial excavation (Decon 2002a,b; Figure 2). Approximately 65,000 gallons of petroleum hydrocarbon-contaminated groundwater were removed from the excavation. Additional over-excavation was performed southeast of the 30-foot by 70-foot excavation. During backfill operations, an 8-inch-diameter extraction well was installed (EW-1). The excavation was backfilled with an unspecified depth of drain rock. Approximately 250 pounds of oxygen-releasing compound (ORC) slurry were mixed into the gravel fill. Clean, excavated native soil and imported Class II base rock comprised the balance of the backfill. Approximately 219 tons of petroleum hydrocarbon-contaminated soil were disposed of at an off-site facility (Decon 2002a,b). The name of the off-site disposal facility was not provided in the 2002 report.

In addition, in June 2002, a total of 25 soil borings were advanced to a depth of 13 feet below ground surface in the area of the former gasoline UST. Each of these borings was backfilled with 8 pounds of ORC followed by neat cement. ORC socks were also installed in wells MW-1 and WAC-1 (Decon 2002a,b).

## **2.2 Revised Corrective Action Plan**

ARCADIS prepared the Revised CAP for the implementation of site remedies (ARCADIS 2009a). The Revised CAP summarized the results of previous investigations, presented the site conceptual model, quantified the baseline risk of COCs, developed site-specific risk-based cleanup goals, evaluated potential remedies, and presented an implementation plan for the selected remedies.

The Revised CAP recommended excavation and off-site disposal of contaminated shallow soils with SVE/AS to remediate contaminated soil, groundwater, and soil vapors (ARCADIS 2009a). The Revised CAP also recommended conducting an extended SVE/AS pilot test including ozone injection, if appropriate.

### **2.2.1 Soil Excavation and Removal**

Between November 2009 and August 2010, soil excavation activities were completed at the Site. This work resulted in the removal of approximately 8,400 tons of contaminated soil from the Site. Depending on waste constituents and their concentrations, the waste was transported to either Chemical Waste Management Hazardous Waste Landfill located in Kettleman City, California or Republic Waste's Vasco Road Class II Landfill located in Livermore, California (see the following table).



#### Soil Disposal Summary

Destination	Waste Classification	Volumes (tons)
Kettleman Hills Landfill	PCB-TSCA (50 mg/kg & greater)	1,280.85
Kettleman Hills Landfill	Non-RCRA (Lead)	1,977.83
Vasco Road Landfill	Non-Hazardous (PCBs at less than 50 mg/kg)	5,102.04
Keller Canyon Landfill	Construction Debris (includes building demolition debris)	2,476.60

To ensure that the removal activities successfully met the cleanup goals, the 95% UCL of the mean of the cleanup confirmation soil sample data was calculated for each COC and compared with their respective cleanup goal. The results of this analysis indicated that concentrations of TPHmo and PCBs (up to 2.5 mg/kg) remained in soil at the Site at concentrations greater than the cleanup goals. The potential human health risks associated with residual concentrations of PCBs in soils is being mitigated by the installation of the TSCA cap.

### 2.3 Post-Mitigation Site Conditions

The completed Aspire Golden State College Preparatory Academy serves grades 6 through 12, with capacity for 570 students, and opened in August 2011. The school occupies approximately 1.4 acres and consists of:

- 3 two-story buildings (approximately 41,430 square feet total including 24 full-sized classrooms, 4 laboratories, 3 girls and 3 boys restrooms, and 4 staff restrooms);
- An asphalt-paved parking area with access via two driveways on 66<sup>th</sup> Avenue (one for ingress and one for egress);
- An asphalt-paved area for basketball; and
- Several planter areas.

The mitigation measures/engineering controls that comprise the cap systems are illustrated on Figure 3.



### **3. Summary of Engineering Controls**

The remedy described in the Revised PCB Cleanup Completion Report was the on-site containment of PCB-containing soil using engineering controls in the form of a cap placed over site soil to prevent or minimize exposures (ARCADIS 2014). The cap includes the placement of buildings or other barrier materials including, but not limited to, concrete, asphalt, clean fill, or landscaping. Hardscape and landscape engineering cap systems installed at the school site are summarized on Figure 3 and are described in Section 3.1 below.

Figure 3 is a site plan showing the mitigation measures/engineering controls that comprise the cap system.

#### **3.1 Hardscape and Landscape Cap Designs**

Hardscape and landscape cap systems, as identified in the letter from ARCADIS to EPA entitled “Proposed Toxic Substance Control Act (TSCA) Cap for Pavement Areas – Former Pacific Electric Motors Facility, 1009 66th Avenue, Oakland, California,” dated April 25, 2011 (ARCADIS 2011a), and approved by the USEPA in a letter to CFC dated June 16, 2011 (USEPA 2011b), were emplaced across the school site and include: a two-story building, concrete and asphalt paved areas, and an asphalt parking lot. Hardscape cap systems consist of multiple layers of differing materials (i.e., imported base rock and asphalt or concrete).

In the landscaped and planter areas (see Figure 3), the native soil was covered by a minimum of 12 inches of clean fill over cement-treated native soil. The cement treated soil may contain low concentrations of PCBs. In accordance with a request from the USEPA, samples of the imported soil were collected and analyzed in accordance with a Soil Sampling Plan (ARCADIS 2011b). The results of these samples indicated that the imported soil met the requirements for imported soil (i.e., were below the cleanup criteria of 0.130, 80, and 7 mg/kg for PCBs, lead, and arsenic, respectively).

These areas will be properly maintained (i.e., inspected annually and replenished with additional clean fill, as necessary, to ensure that the cement-treated native soil that may contain low concentrations of PCBs is adequately covered). Soil to be used to replenish the planters will be commercially available top soil provided by a landscaping contractor as required. The key objectives to replenish the imported soils in the landscape and planter areas are to prevent disturbance of the cement-treated native



soils and mixing of those native soils with existing clean soils and those clean soils that may be used to replenish the landscape and planter areas.

Annual inspections at the Site will include inspection of the landscape and planter areas to confirm that vegetable gardens are not being grown at the school site as part of any school curriculum that may end up being consumed by students or others at the school site.

#### **4. O&M Inspections**

##### **4.1 Annual Inspections**

Annual inspections of the cap will be conducted, and will be performed by the O&M Professional along with the O&M Coordinator. As described in Section 1.4.1, the O&M Professional is defined as a California-registered engineer or geologist with expertise in conducting soil investigation and remediation (e.g., an engineer or geologist who is familiar with the cap system installed at the school site). The O&M Coordinator will accompany the O&M Professional during the annual inspection.

The purpose of the annual inspection is to assess the condition of the cap and changes in site conditions or usage. The Annual Inspection Summary Report will describe any on-site construction activities or any other significant information related to the PCB engineering controls. If applicable the inspection will also review the completion of any repairs that were made to the cap. The inspection will include a visual inspection of the cap to identify and locate areas that require repair.

The key components of the inspection will include:

1. Identification of any cracks in the cap measuring greater than 0.25 inches wide and 3 inches long.
2. Identification of any areas of the cap requiring repairs.
3. Documentation of changes in site conditions or usage.
4. Description of any on-site construction activities. However, any construction activity is to be approved by the USEPA and County before the start of construction. Any such construction would be considered an alteration or modification to the cap.



5. A qualitative evaluation of the amounts of cover (soil) in the landscaped areas. Should additional soil be required in the landscaped areas, commercially available soil will be imported to the Site within 15 days of the discovery of the need for more soil.
6. Complete Inspection Checklist for Engineering Control (Appendix A).

The annual inspections will be completed in July so that repairs (if required) can be completed prior to the beginning of the school year.

During inspections, items identified for required maintenance will have a specified action date for completion of the required repairs. The O&M Coordinator is responsible for follow-up review to ensure that identified repairs are completed on schedule, and will sign-off in the completion blocks of the inspection reports. The O&M Coordinator will notify representatives of CFC of any failures of the engineering controls that have not been repaired within 72 hours of discovery; such notifications will include a proposed schedule for completion of the required repairs and maintenance.

The Annual Inspection Summary Report will be prepared within 45 days after completion of each annual inspection, in accordance with the reporting requirements specified in Section 6.2 of this O&M Plan. The annual inspection reports will be submitted to the USEPA and the ACEH and maintained at the school site.

The O&M Professional and O&M Coordinator will be responsible for follow-up review to ensure that identified repairs are completed on schedule, and will sign-off in the completion blocks of the inspection reports.

#### **4.2 Unplanned Events**

School employees will contact the O&M Coordinator following unplanned events (e.g., fires, broken utility lines, floods and/or heavy rain, or seismic events) during which caps may be compromised and/or PCB-containing soils may be exposed. "Heavy" rain will be defined as rainfall exceeding 0.50 inches in one hour in Oakland, California. "Significant" seismic events will include those earthquakes occurring nearby, of a magnitude exceeding 5.0 on the Richter scale. The O&M Coordinator will document all inspections and required repairs or maintenance, and incorporate such documents into the Annual Inspection Summary Report.



The O&M Professional and O&M Coordinator will notify the ACEH and USEPA of any failures (i.e., compromised integrity or possible breach in the cap) of the engineering controls resulting from unplanned events that are not repaired within 14 days of discovery; such notifications will include a proposed schedule for completion of the required repairs and maintenance.

The O&M Professional and O&M Coordinator will inspect the cap within 5 days following seismic activity greater than a 5.0 Richter scale magnitude earthquake. The findings of this inspection will be summarized in a letter that will be submitted to the ACEH and USEPA within 15 to 30 days after the inspection.

## **5. Intrusive Work Activities**

Prior to conducting intrusive work activities on the cap, the O&M Professional and O&M Coordinator will provide a work plan presenting the scope of the activities to be conducted to the USEPA and ACEH. This work plan must be approved by USEPA and/or the ACEH prior to commencement of the intrusive work activities. These intrusive activities must be conducted in accordance with applicable provisions of this O&M Plan, the Land Use Covenant, and the SMP (Appendix B). Intrusive work includes any construction or maintenance activities that encounter soil beneath the cap regardless of the location of those soils (except soils that were demonstrated not to contain PCBs and other contaminants and were imported to the landscape and/or planter areas). These activities include but are not limited to: digging, drilling, excavating, grading, repairing, removing, trenching, filling, gardening, and other soil movement that may penetrate or otherwise compromise the caps in place, thereby opening pathways for possible human exposures to PCB.

Proposed modifications and disturbances to the cap must be conveyed to the ACEH and USEPA in the form of a work plan for review and approval prior to commencing with the work. These activities can result in modifications to the cap and the cap must be repaired consistent with agency-approved plans and design. The USPEA and ACEH will be notified of a proposed change to the surface cap at least two weeks prior to the scheduled work.

The following procedures are required when performing intrusive construction, repair, and/or maintenance activities to: (1) ensure that safeguards are in place to prevent or minimize PCB exposures to anyone at the school site; (2) prevent untrained or unauthorized personnel from performing intrusive work in PCB areas; and (3) restore the integrity of the in-place engineering controls if they are impaired or compromised by



such activities. The O&M Coordinator will oversee these procedures for all PCB-intrusive work (as defined in Section 5 of this O&M Plan) performed by, or on behalf of, CFC at the school site:

- Provide information regarding the location of the cap systems, cross-section construction details, and locations of all soils containing PCB to selected contractors;
- Verify that selected contractors and their employees will comply with federal and state Occupational Safety and Health Administration requirements;
- Require that construction and maintenance work be performed in such a manner to meet or exceed the existing cap conditions;
- Evaluate timelines, school, and work schedules to ensure that PCB-intrusive work is completed as soon as possible to minimize exposure risks;
- Require reasonable restrictions to school site access to reduce exposures to non-workers;
- Implement dust control practices that utilize water;
- Manage any PCB-containing or impacted soils brought to the surface in accordance with the SMP (see Appendix B), and in compliance with applicable, relevant, and appropriate provisions of state and federal law; and
- Comply with all applicable, relevant, and appropriate federal, state, and local requirements.

### **5.1 Standard Cap Repair**

Intrusive construction or maintenance work activities will be conducted to meet or exceed the existing cap conditions (see Figure 3).

The procedures to be followed during intrusive work include the following:

- Stabilization of site;
- Limitation on site access, as appropriate;



- Management of excavated soils, including dust control, work site access, and soil segregation;
- Cap repair, or fill replacement procedures, to match the existing cap conditions; and
- Evaluation and use of new fill materials.

## **6. Reporting and Record-Keeping**

Reports concerning inspection, maintenance, and repair of the cap will be submitted to USEPA Region 9 and the ACEH. In addition, plans to modify the cap must be submitted to these agencies for approval before implementation.

### **6.1 Reporting Requirements**

The O&M Coordinator will maintain records of training provided to O&M personnel, compile appropriate information, develop, and file the following reports at the school site in a timely manner:

- Annual Inspection Summary Reports
- Completion Reports for Intrusive work

### **6.2 Annual Inspection Summary Reports**

Annual Inspection Summary Reports will summarize the findings from annual inspections, and will document completions, delays, or failures to repair any items identified as needing repairs. The Annual Inspection Summary Report will be signed by the O&M Professional and O&M Coordinator, and will be completed no later than 60 calendar days after the annual inspection has been conducted. Annual Inspection Summary Reports will follow the format outlined in Appendix C, and will be included and maintained in files at the school site.

Annual Inspection Summary Reports will include the following:

- Results of the annual visual inspection, including measurements and an evaluation of the conditions;



- A description of actions taken since completion of the previous O&M annual inspection, including:
  - Any repairs to the installed cap remedy that were identified and carried out;
  - Any significant changes in site conditions or usage (e.g., paving, grading, utility trenching, playgrounds, or picnic areas); and
  - Any additional on-site construction or other significant information that may impact the installed cap remedy (e.g., installation of portable buildings or maintenance facilities);
- A description of any maintenance or repairs identified as needed during the O&M annual inspection;
- A description of any recommendations for O&M Plan modification;
- A description of actions planned or expected to be undertaken before the next O&M annual inspection that will impact the in-place engineering controls;
- Recommendations concerning any repairs to the installed caps that are still needed;
- Photographs depicting site conditions with brief identifying captions or descriptions. During the annual inspection, the O&M Professional will take photographs for documentation, as appropriate, to demonstrate stability and/or failure of engineering controls;
- Conclusions regarding the ongoing effectiveness of the cap systems; and
- Any additional PCB investigation must be reported to USEPA and County in a separate document and submitted 60 days after sample collection.

### **6.3 Completion Reports for Intrusive Work**

Within 60 days of completion, intrusive work activities will be documented in a Completion Report prepared by the O&M Professional. Each Completion Report will include the following information:

- Date work was performed;



- Work location, with maps and figures;
- Work activities performed, including restoration of cap systems where necessary;
- Work practices taken to prevent potential exposures;
- Variance or modifications (if any) of the existing cap conditions; and
- Summary of finished site conditions.

The O&M Professional will incorporate all Completion Reports for PCB-intrusive work conducted during the year into the Annual Inspection Summary Report.

#### **6.4 Record-Keeping and Retention**

All documentation records (e.g., data, reports) prepared under this O&M Plan will be maintained by the O&M Coordinator at the school site. The records will include, but are not limited to:

- Periodic inspection checklists, Annual Inspection Summary Reports, Completion Reports for intrusive work, and photographs associated with all of the above;
- Records of public inquiries for information about PCB at the school site; and
- Investigation and mitigation documents (e.g., the Combined Environmental Mitigation Plan and Cap Completion Report).

All records will be preserved by the O&M Coordinator for a minimum of five years after the conclusion of each relevant activity.

Due to the significant volume of paper that could be generated, the O&M Coordinator may elect to maintain paper copies of reports from the most recent 12 months, and preserve the rest as electronic files.

### **7. Site Access**

At all reasonable times and upon request, the O&M Coordinator will arrange for O&M personnel to have access to the school site. During intrusive activities, access to the work area will be limited by the placement of temporary fencing around the work area.



## **8. O&M Plan Modifications**

When long-term performance of the cap remedy has been confirmed, the O&M Coordinator may seek to modify the requirements of the O&M Plan based on site-specific monitoring results and/or conditions. The request to modify the O&M Plan will be submitted in writing to ACEH and USEPA in the form of a work plan for review. O&M Plan modifications may include the following:

- Changes in the frequency of O&M activities;
- Modification, replacement, or addition of components to the O&M Plan if O&M activities fail to achieve the objectives of protecting public health, safety, and the environment; and/or
- Evaluation, design, construction, and/or operation of additional remedial measures to achieve the O&M objectives.

## **9. References**

Alameda County Environmental Health (ACEH). 2009. Final CAP Approval for Fuel Leak Case No. RO0000411 and GeoTracker Global ID T0600101950, Pacific Electric Motor, 1009 66th Avenue, Oakland, CA 94621. August 13.

ARCADIS U.S., Inc. (ARCADIS). 2009a. Revised Corrective Action Plan, Proposed Aspire High School Site, 1009 66th Avenue, Oakland, California. July 17.

———. 2009b. Toxic Substance Control Act Self-Implementing Cleanup Notification and Certification Former Pacific Electric Motors Facility 1009 66th Avenue in Oakland, California. October 23.

———. 2009c. Conditional Approval of the Toxic Substance Control Act Self-Implementing Cleanup Notification and Certification, Former Pacific Electric Motors Facility, 1009 66<sup>th</sup> Avenue in Oakland, California. November 18.

ARCADIS. 2010a. Toxic Substance Control Act Risk-Based Cleanup Notification and Certification 40 CFR 761.61(c), Former Pacific Electric Motors Facility, 1009 66th Avenue, Oakland, California. January 14.



- . 2010b. Implementation of the Toxic Substances Control Act Self-Implementing Cleanup Notification at the Former Pacific Electric Motors Facility, 1009 66<sup>th</sup> Avenue, Oakland, California. August.
  
- . 2010c. Soil Removal Action Completion Report, College for Certain, LLC, Former Pacific Electric Motors, 1009 66<sup>th</sup> Avenue, Oakland, California (Fuel Leak Case No. RO0000411). September 15.
  
- . 2011a. Proposed Toxic Substance Control Act (TSCA) Cap for Pavement Areas – Former Pacific Electric Motors Facility, 1009 66<sup>th</sup> Avenue, Oakland, California. April 25.
  
- . 2011b. Soil Sampling Plan for Soil to be Imported for Use in the Proposed Landscaped Areas at the Former Pacific Electric Motors Facility, 1009 66<sup>th</sup> Avenue, in Oakland, California. June 11.
  
- . 2014. Revised PCB Cleanup Completion Report, College for Certain, 1009 66th Avenue, Oakland, California. May 16.
  
- Decon Environmental Services, Inc. (Decon). 2002a. Remediation Project Report for Pacific Electric Motor Co., 1009 66th Avenue, Oakland, CA 94612. July 9.
  
- . 2002b. Remediation Project Report – Addendum for Pacific Electric Motor Co., 1009 66th Avenue, Oakland, CA 94612. October 2.
  
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- . 2009b. USEPA. Email Message from Carmen Santos to Ron Goloubow; Subject: PCBs: Aspire School Site in Oakland, California - Conditional Approval of SAP and LFR's November 18, 2009 Letter. November 25.
  
- . 2011a. Aspire Public Schools 1009 66<sup>th</sup> Avenue, Oakland, California USEPA Conditional Approval of Polychlorinated Biphenyls Cleanup Notification Under Toxic Substances Control Act New request for Additional Cap Modifications. April 5.



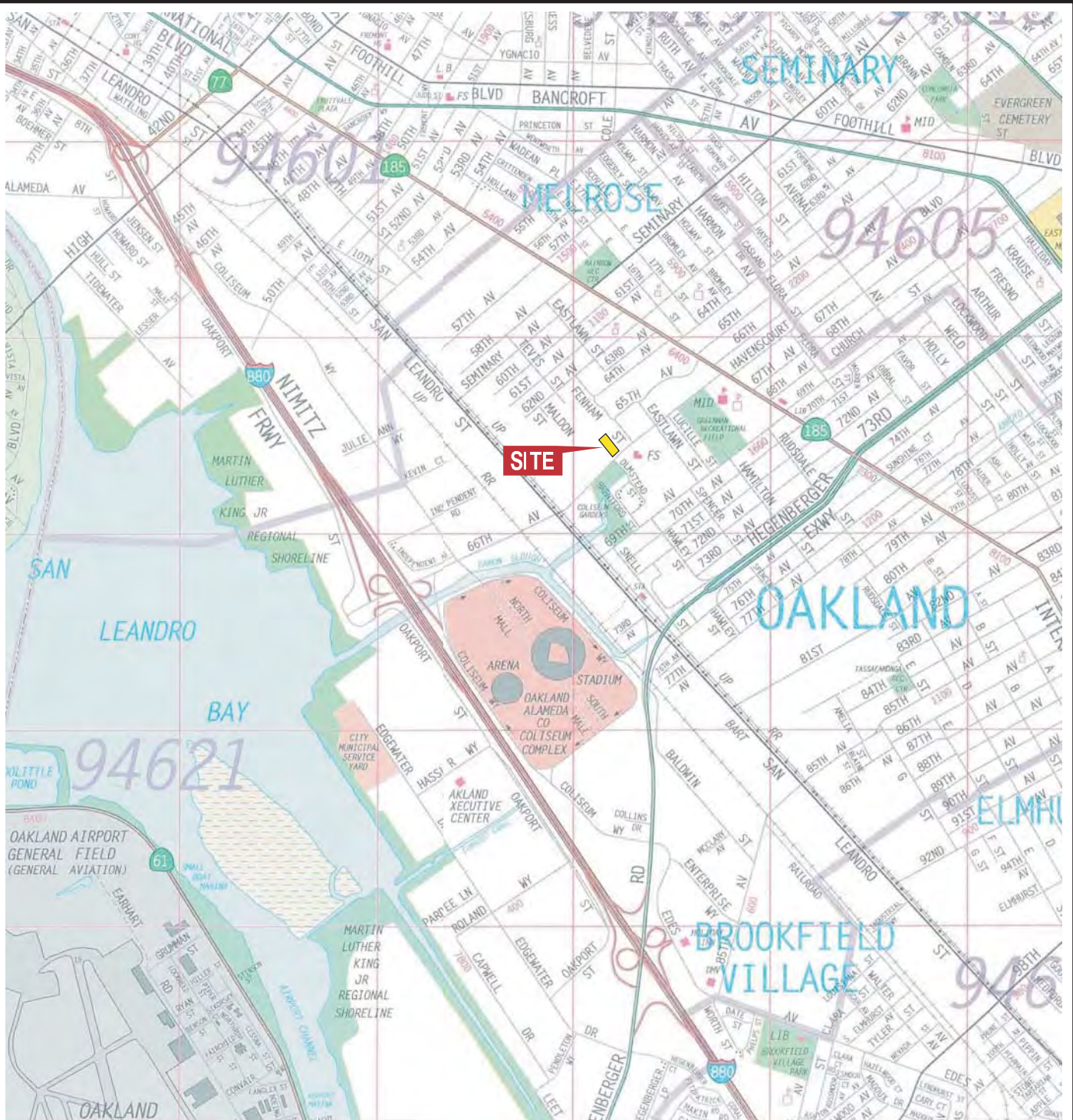


## **Operation and Maintenance Plan for Cap Mitigation Measures**

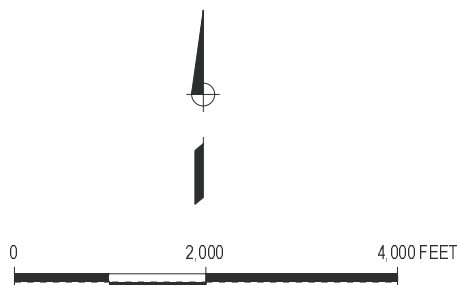
Former Pacific Electric  
Motors Site, 1009 66th  
Avenue, Oakland, California

- . 2011b. Aspire Public Schools 1009 66<sup>th</sup> Avenue, Oakland, California USEPA Conditional Approval of Polychlorinated Biphenyls Cleanup Notification Under Toxic Substances Control Act New request for Additional Cap Modifications. June 16.
- W.A. Craig, Inc. 1995a. Final Closure Plan for Underground Storage Tank Removal for Pacific Electric Motor Co., 1009 66<sup>th</sup> Avenue, Oakland, CA 94621. March 14.
- . 1995b. Correspondence to ACDEH via facsimile. Attached soil and water sample results, and next phase of work due to contamination in the soil and pit water. March 31.
- . 1995c. Subsurface Environmental Investigation for Pacific Motor Co., 1009 66th Avenue, Oakland, CA 94621. May 16.
- . 1997. Excavation and Sampling Report for Pacific Electric Motor Co., 1009 66th Avenue, Oakland, CA 94621. May 12.





MAP SOURCE: Copyright 1995, Thomas Bros. Map ALAMEDA COUNTY 2002 Edition



1009 66TH AVENUE, OAKLAND, CALIFORNIA

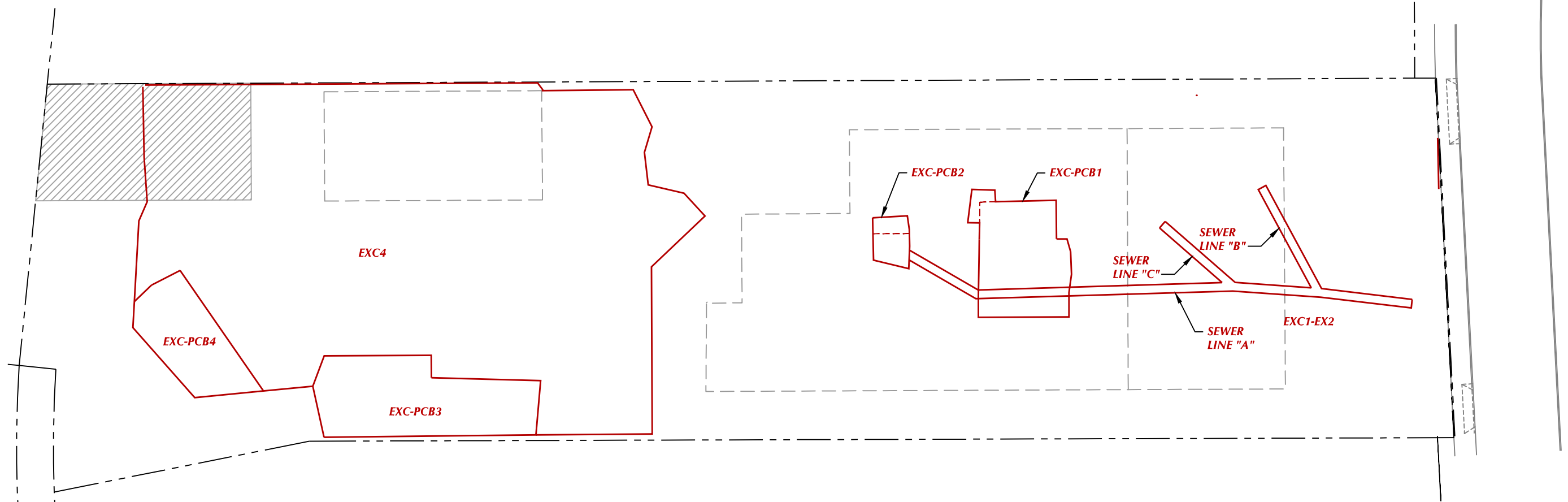
**SITE VICINITY MAP**



FIGURE  
**1**

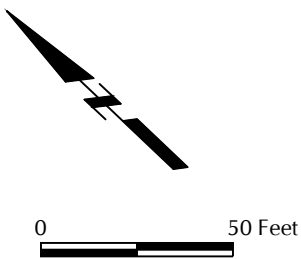


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EXPLANATION:

- Property Line
- Former Warehouse Building
- Area of Excavation of PCB-Affected Soil
- Reported Area of Excavation of PCB-Affected Soil in 1992

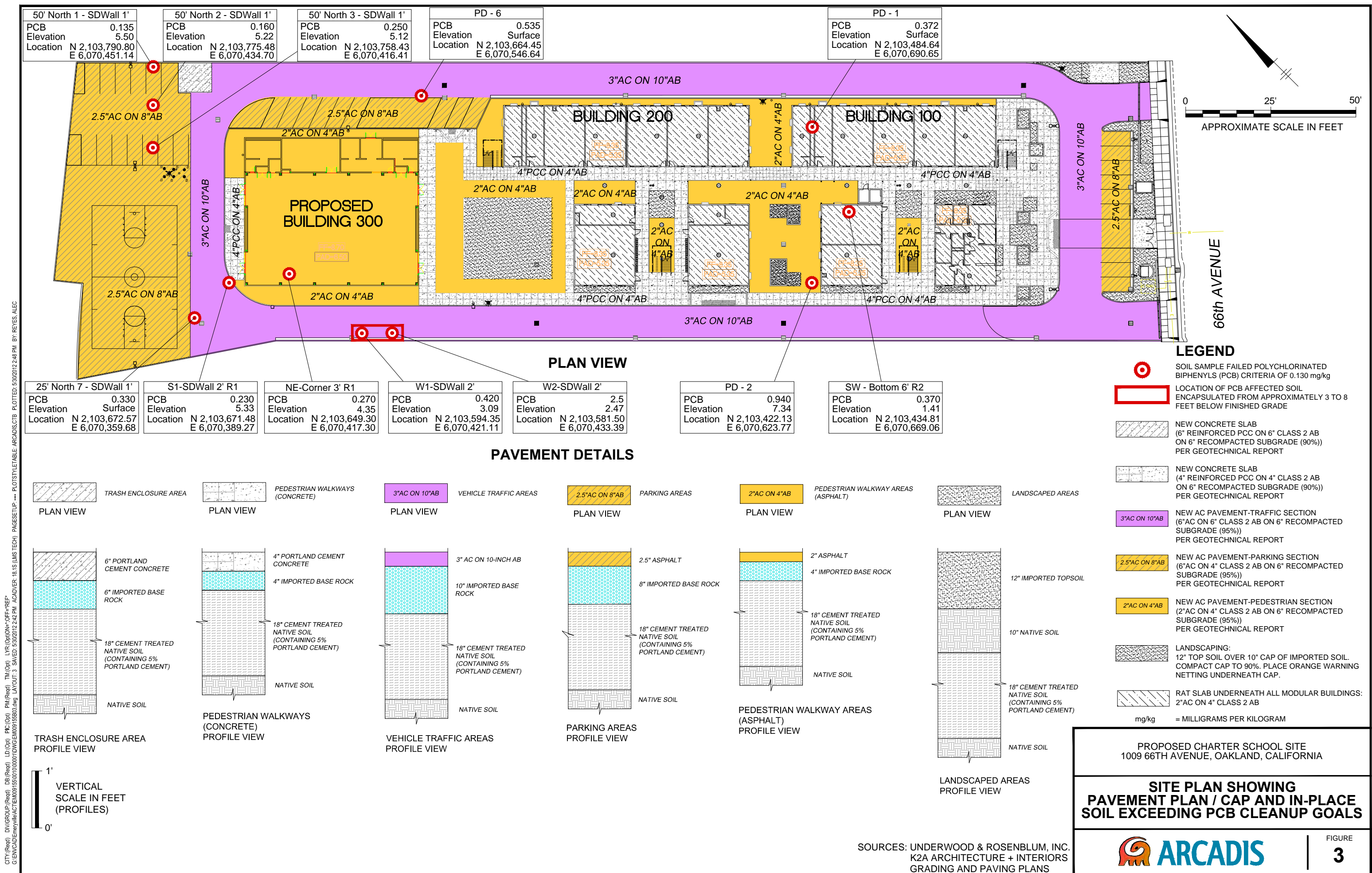


PROPOSED CHARTER SCHOOL SITE  
1009 66TH AVENUE, OAKLAND, CALIFORNIA

SITE PLAN











## **Appendix A**

Inspection Checklist for Engineering  
Controls



**INSPECTION CHECKLIST FOR CAP REMEDIES**  
**College For Certain**  
**Oakland, CA**

<b>Date</b>		<b>Inspector Name/Signature</b>	
<b>Inspection Frequency</b>		<b>Supervisor Name/Signature</b>	

<b>Area</b>		<b>Surface Condition OK?</b>	<b>Maintenance Required</b>	<b>Recommended Action Schedule</b>		
				<b>Plan</b>	<b>Implement</b>	<b>Completion</b>
<b>Hardscape Systems</b>	Building Foundations	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>			
	Paved Parking and Vehicle Traffic Areas	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>			
	Parking Ingress/Egress	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>			
	Parking Area in the Rear of the Property	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>			
	Interior Walkway Areas Around Buildings	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>			
	Trash Enclosure	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>			
<b>Landscape Systems</b>	Landscaped Areas near 66 <sup>th</sup> Avenue	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>			
	Landscaped Areas Near Class Room Buildings	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>			
	Landscaped Area Adjacent to Proposed Building 300 (the gymnasium)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>			

**Notes:**

1. All areas are shown on Figure 2.
2. Inspection of the Hardscape Systems should ensure that concrete/asphalt pad and artificial material covers have not been disturbed or damaged in any way.
3. Inspection of the Landscape Systems should ensure that vegetation on the surface remains healthy; if applicable.





## **Appendix B**

Soil Management Plan





Imagine the result

**Aspire Public Schools - College for  
Certain, LLC**

## **Soil Management Plan**

Former Pacific Electric Motors Site  
1009 66th Avenue, Oakland, California  
(Fuel Leak Case Number RO0000411)

May 2014





A handwritten signature in black ink, appearing to be "R. Goloubow", written over a horizontal line.

Ron Goloubow, P.G.  
Principal Geologist

### **Soil Management Plan**

Former Pacific Electric Motors  
Site, 1009 66th Avenue, Oakland,  
California (Fuel Leak Case  
Number RO0000411)

Prepared for:

Aspire Public Schools  
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Prepared by:

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Our Ref.:

RV009155.0009

Date:

May 2014

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### **Certification**

All hydrogeologic and geologic information, conclusions, and recommendations in this document have been prepared under the supervision of and reviewed by an ARCADIS U.S., Inc., Professional Geologist.

A handwritten signature in black ink, appearing to be "RG" or "Ron Goloubow".

---

Ron Goloubow, P.G. 8655  
Principal Geologist  
California Professional Geologist (8655)

Date



## 1. Introduction

ARCADIS has prepared this Soil Management Plan (SMP) on behalf of Aspire Public Schools (Aspire) and College for Certain, LLC (CFC) for the former Pacific Electric Motors site located at 1009 66th Avenue in Oakland, California (the Site; Figures 1 and 2). The Site has been redeveloped into the Aspire Golden State College Preparatory Academy, which serves grades 6 through 12 and has capacity for 570 students; the school opened in August 2011. The school occupies approximately 1.4 acres and consists of:

- 3 two-story buildings (approximately 41,430 square feet total including 24 full-sized classrooms, 4 labs, 3 girls and 3 boys restrooms, and 4 staff restrooms);
- An asphalt-paved parking area with access via two driveways on 66<sup>th</sup> Avenue (one for ingress and one for egress);
- An asphalt-paved area for basketball; and
- Several planter areas.

This report is intended to comply with a request from the United States Environmental Protection Agency (USEPA) and Alameda County Environmental Health (ACEH) to prepare an SMP for the Site.

This SMP outlines sampling and health and safety procedures to be implemented during future site modification that could disturb site soil, such as the repair of a subsurface utility at the Site.

This SMP is intended to apply to any subsurface disturbance at the Site. The purpose of this SMP is to communicate the presence of chemicals identified in soil at the Site so that appropriate safety measures can be implemented to protect persons doing invasive site work and to appropriately manage soils at the Site. This SMP provides general protocols for the proper management of soil encountered and/or disturbed during excavation, construction, utility work, site redevelopment, and other work that may encounter impacted soil at the Site.

This SMP is not intended to replace federal, state, or local regulations or regulations addressing worker exposure including Federal and California Occupational Safety and Health Administration (OSHA) training and worker protection rules and regulations,



Code of Federal Regulations (CFR) Title 29, Part 1910.120, or California Code of Regulations (CCR) Title 8, § 5192. It is the responsibility of the Property Owner to ensure that all workers, tenants, contractors, and subcontractors are made aware of the existing conditions, specifically the known presence and magnitude of chemicals so that the appropriate protective measures are implemented.

Issues not addressed in this document include construction and general OSHA worker safety requirements, including the Hazardous Waste Operations and Emergency Response Standard. Contractors who perform the site work are responsible for the health and safety of their own employees and must prepare a health and safety plan that is satisfactory to the owner, Aspire, prior to beginning work at the Site. All work at the Site must be completed in compliance with the federal, state, and local requirements not addressed in this document.

## 2. Project Overview

The site area is 2.51 acres and is located on the western side of 66th Avenue between East 14th Street (to the north) and San Leandro Street (to the south). The area around the Site is developed with a mixture of commercial, industrial, government, and multi-family residential buildings. The Site is bounded by a residential development to the north, Oakland Fire Department Station Number 2 to the east across 66<sup>th</sup> Avenue, Fruitvale Business Center to the south, and Northstar International Container Freight and Container Consolidation Services to the west.

The structures formerly associated with Pacific Electric Motors (and infrastructure) have all been demolished. The areas of affected soil have been removed in accordance with the Revised Corrective Action Plan, Proposed Aspire High School Site, 1009 66<sup>th</sup> Avenue, Oakland, California (Fuel Leak Case No. RO0000411; the CAP) submitted to the ACEH on July 17, 2009 (LFR 2009a). In addition, areas of polychlorinated-biphenyl (PCB)-containing soil were remediated in accordance with the CAP, the Self-Implementing Cleanup Plan (SICP) submitted to the USEPA on October 23, 2009 (LFR 2009b), the response letter from USEPA dated November 13, 2009 (USEPA 2009), and LFR Inc.'s (LFR's) response letters to EPA dated November 18, 2009 (LFR 2009c) and January 14, 2010 (LFR 2010). The configuration of the surface cap presented in Section 3 was presented in a letter to the USEPA by ARCADIS dated April 25, 2011 and the configuration of the cap was approved by USEPA in a letter dated June 16, 2011.



A new school (the Golden State College Preparatory Academy) was developed on the property in 2010 as depicted on Figure 2. As part of the redevelopment of the Site, the ground surface comprised of roadways, sidewalks, parking areas, buildings, and planter areas is serving as a cap to mitigate the potential exposure to the affected soil at the Site.

### 3. Known or Potentially Chemical-Impacted Soil

Prior to redeveloping the Site, remedial tasks were conducted at the Site to remove soil containing elevated concentrations of lead, arsenic, PCBs, benzene, and total petroleum hydrocarbons as gasoline (see Figures 2, 3, and 4). The removal action for the PCB-containing soil was completed in accordance with the following:

- No. 40 CFR §761.61(a) 40 CFR 761.61 (c) of Toxic Substances Control Act (TSCA) regulations, EPA's conditional approval of the SICP, and EPA's amendments to its approvals.

Although the remedial actions were highly effective in removing the affected soil, the analytical results for 12 confirmation soil samples collected as part of the removal action for the PCB-containing soil indicated that PCBs were present at concentrations greater than the cleanup goal of 0.130 milligrams per kilogram (mg/kg) established for the Site (see the table below and Figure 3 and 4). Due to geotechnical work conducted to strengthen site soils for the redevelopment of the Site, the soil currently in those 12 locations was mixed during the cement treatment of the upper 18 inches of soil across the Site. Thus the PCB-containing soil may be at locations that are not represented by the samples collected in those locations before the geotechnical and grading work. Thus, the PCB concentrations detected in the 12 samples are no longer representative of the PCB concentrations at the Site due to mixing of the soils. The geotechnical work to strengthen the soil included the cement treatment of the upper 18 inches of soil across the Site. This may have resulted in the mixing/cement treatment of the soil at the 12 locations where PCBs were detected at concentrations greater than the cleanup goal.



Sample ID	Depth below TSCA Cap - current ground surface (in feet)	PCBs (in mg/kg)
50' North 1 - SDWALL1'	1.0	0.135
50' North 2 - SDWALL1'	1.3	0.160
50' North 3 - SDWALL1'	1.4	0.250
25' North 7 - SDWALL1'	1.3	0.330
S1-SDWALL 2' R1	1.2	0.230
NE-CORNER 3' R1	2.2	0.270
W1-SDWALL 2'	3.4	0.420
W2-SDWALL 2'	4.0	2.500
SW-Bottom 6' R2	3.9	0.370
PD-1	1.3	0.372
PD-2	1.4	0.940
PD-6	1.2	0.535

**Notes:** The depth of the samples below the TSCA cap was established by subtracting the sample elevation from the finished floor elevation of the top of the TSCA cap.

To mitigate the human health risk posed by the affected soil, a surface cap was installed over the ground surface of the entire Site. The configuration of the cap summarized below was presented in a letter to the USEPA by ARCADIS dated April 25, 2011 and the configuration of the cap was approved by USEPA in a letter dated June 16, 2011.

- **Trash Enclosure Area**
  - Native soil
  - 18 inches of cement-treated native soil
  - 6 inches of imported aggregate base rock
  - 6 inches of Portland cement concrete (ground surface)
- **Pedestrian Walkway Areas – Concrete**
  - Native soil
  - 18 inches of cement-treated native soil
  - 4 inches of imported aggregate base rock
  - 4 inches of Portland cement concrete (ground surface)



- **Vehicle Traffic Areas**
  - Native soil
  - 18 inches of cement-treated native soil
  - 10 inches of imported aggregate base rock
  - 3 inches of asphalt concrete (ground surface)
- **Parking Areas**
  - Native soil
  - 18 inches of cement-treated native soil
  - 8 inches of imported aggregate base rock
  - 2.5 inches of asphalt concrete (ground surface)
- **Pedestrian Walkway Areas – Asphalt**
  - Native soil
  - 18 inches of cement-treated native soil
  - 4 inches of imported aggregate base rock
  - 2 inches of asphalt concrete (ground surface)
- **Landscaped Areas**
  - Native soil
  - 18 inches of cement-treated native soil
  - 10 inches of native soil
  - 12 inches of imported top soil (ground surface)

#### 4. Cleanup Goals Established for Soil

Risk-based cleanup goals were developed for the Site with an emphasis on health protection by incorporating conservative assumptions in the risk-based calculations. Cleanup goals were calculated by algebraically transforming the standard human health risk assessment equations to solve for a concentration given a target cancer risk of  $1 \times 10^{-6}$  or Hazard Index of 1.

Recommended cleanup goals resulting from this process are presented below:

#### **Total Petroleum Hydrocarbons (TPH)**

- TPH as motor oil: 2,500 mg/kg
- TPH as diesel: 180 mg/kg



**Metals**

- arsenic: 7 mg/kg (site-specific background level)
- cadmium: 7.4 mg/kg
- chromium: 750 mg/kg
- cobalt: 80 mg/kg
- copper: 230 mg/kg
- lead: 80 mg/kg
- zinc: 600 mg/kg

**Organic Compounds**

- PCBs: 0.130 mg/kg

**5. Soil Management During General Construction Activities**

The following sections present the contingency protocols to be followed if unknown contamination is encountered during general site maintenance activities.

**5.1 Potential Soil Disturbance Activities**

Activities that may cause soil disturbance at the Site include: grading, grubbing, utility line repair-replacement, removal/excavation of soil, trenching, and performing other construction activities. If these or other subsurface activities are performed, this SMP will be followed.

**5.2 Notifications**

Prior to performing invasive activities, Aspire will notify USEPA and the ACEH a minimum of two weeks prior to conducting the proposed activities. A letter describing the scope of the work to be conducted will be provided to describe the nature of the invasive activities. The work will not begin until USEPA and the ACEH have provided approval of the scope of work. At the direction of Aspire, observation of the activities may be provided by ARCADIS. However, the USEPA and ACEH may conduct field oversight of these activities.



## 5.2.1 Emergency Contacts

The persons indicated in the table below must be notified within 48 hours if subsurface disturbance is anticipated or if unexpected affected soil is encountered. Additionally, if soil is to be transported from the Site to an appropriate landfill, the following contacts must be notified.

### Emergency Contacts

Contact	Telephone
Owner – Aspire Public Schools Contact: Tim Simon, Project Manager	510.434.5071 or 831.710.1865
Alameda County Environmental Health Contact: Jerry Wickham	510.567.6791
USEPA Contact Carmen Santos	415.972.3360 office
Environmental Consultant – ARCADIS Contact: Ron Goloubow	510.652.4500 office 510.501.1789 cell
Site Construction Manager Contact: *** to be designated before work begins***	*** to be designated before work begins***

If an emergency situation requiring medical attention, containment assistance, or other emergency assistance arises, workers should call 911 and follow emergency procedures provided in the Contractor's Health and Safety Plan.

## 5.3 Soil Screening

Prior to conducting intrusive activities at the Site, analytical data for soil samples collected in the area where the work is proposed to take place will be reviewed to assess disposal options. If analytical data for soil samples is not available within approximately 100 feet of the proposed work area, additional soil samples will be collected for the analysis of PCBs prior to commencing with the intrusive work. During intrusive activities, excavated soil will be visually inspected for evidence of impacts and/or screened using a photoionization detector as applicable. The following actions shall be taken for excavated soil:



- Stockpile potentially impacted soil separately on plastic and in accordance with the SMP (see Section 5.4.2 below);
- Characterize the stockpiled soils as specified in Section 5.4.3, and dispose of stockpiled soil at an appropriately licensed facility (to be determined based on the analytical results of the samples collected from the stockpiled soil);
- Document and report the results of the soil samples to the USEPA and ACEH; and
- Replace the surface cap according to the description in Section 3.

Information relevant to each of these actions is described in more detail in the following sections.

### 5.4 Soil Management Strategy

Soil will be reused at the Site to the extent possible (only if soil does NOT contain contaminants of concern at concentrations greater than the cleanup criteria). Suspected contaminated soil (e.g., soil exhibiting discoloration, oily liquids, powders, or other substances, odors, or detections on field equipment) will be stockpiled and tested. This soil will only be reused if it meets the remedial goals discussed in Section 4.

#### 5.4.1 Requirements for Imported Fill

Soil that is imported to the Site for use as fill must be sampled prior to being brought on site. A four-point composite sample should be collected for every 500 cubic yards of fill material imported to the Site and submitted for the following analyses:

- Volatile organic compounds by USEPA Method 8260B (solvent extraction EPA method 3540C)
- California Assessment Manual 17 metals by USEPA Method 6010B
- Semivolatile organic compounds by USEPA Method 8270
- PCBs by USEPA Method 8082A Soxhlet extraction, USEPA method 3540C



- Organochlorine pesticides by USEPA Method 8081
- TPH by USEPA Method 8015M

The analytical results for each of the constituents should be less than the cleanup goals provided in Section 4 of the SMP or the final Environmental Screening Levels for shallow soil (less than 1 meter below ground surface) for commercial and industrial properties where the groundwater is not a potential source of drinking water (Table B-2, RWQCB 2013), with the exception of Arsenic. Arsenic concentrations should be less than the site-specific background concentration of 7 mg/kg (see discussion presented in Appendix B of the CAP).

#### 5.4.2 Stockpile Management

Potentially impacted soil generated from construction activities will be stockpiled on site. The stockpiles will likely be located at the northern portions of the Site but will depend on the location of the work. The stockpiles will be placed on, and covered with, polyethylene sheeting (tarps) to provide separation and prevent off-site soil migration due to wind and water erosion. In addition, a berm made of hay bales or another accepted material will be placed around each stockpile to capture any potential runoff from the stockpile. No stockpiled soils will be removed from the Site without Aspire's written permission.

Dust control measures will be used during excavation/work activities such that no visible dust migration is observed. Typically, misting with water and the use of anchored tarps can be used to control dust emissions. Mitigation procedures to prevent wind erosion of an active stockpile will include applying sufficient water or other accepted material to keep the soil slightly damp, but not so much water to create runoff from oversaturation. Stockpiles will not be piled excessively high (less than approximately 20 feet above the ground surface) to further prevent airborne transport of stockpile material.

#### 5.4.3 Soil Characterization and Off-Site Reuse/Disposal

Soils will be adequately sampled and characterized/profiled as presented below prior to disposal to an off-site and appropriately licensed facility. Prior to characterization, the receiving facility will be identified and acceptance criteria will be provided to Aspire and ARCADIS for review and approval. No soil samples will be collected and/or analyzed without prior written approval of Aspire.



Sample collection and analyses will be required prior to transporting the soil off site for disposal or reusing the soil on site. The samples will be collected using the protocol described in the Soil Sampling Plan for imported soil for landscaping, dated June 24, 2011 (ARCADIS 2011). The proposed sampling will conform to the California Department of Toxic Substances Control (DTSC) Information Advisory – Clean Import Fill Material as follows:

- Up to 1,000 cubic yards – one sample per 250 cubic yards
- 1,000 to 5,000 cubic yards – four samples for the first 1,000 cubic yards plus one sample for each additional 500 cubic yards
- Greater than 5,000 cubic yards – 12 samples for the first 5,000 cubic yards plus one sample for each additional 1,000 cubic yards

Soils for removal and off-haul can be profiled either in-place or from the stockpile. Subsequent to permission by Aspire, all soils removed from the Site for disposal will be disposed of at a disposal facility approved by Aspire and that meets the regulatory and permitting requirements to accept the waste. All soil transportation and disposal documentation must be forwarded to Aspire upon completion of the disposal activities. All documentation regarding soil removal and disposal must be submitted to USEPA within 14 days after disposal.

## 6. References

ARCADIS. 2011. Soil Sampling Plan for Soil to be Imported for Use in the Proposed Landscaped Areas at the Former Pacific Electric Motors Facility, 1009 66th Avenue, in Oakland, California. June 24.

Department of Toxic Substances Control (DTSC). 2001. Information Advisory - Clean Import Fill Material [http://www.dtsc.ca.gov/Schools/upload/SMP\\_FS\\_Cleanfill-Schools.pdf](http://www.dtsc.ca.gov/Schools/upload/SMP_FS_Cleanfill-Schools.pdf). October.

LFR Inc. (LFR). 2009a. Revised Corrective Action Plan, Proposed Aspire High School Site, 1009 66th Avenue, Oakland, California (Fuel Leak Case No. RO0000411) 1009 66th Avenue, Oakland, Alameda County, California. July 17.



LFR. 2009b. Toxic Substance Control Act Self-Implementing Cleanup Notification and Certification Former Pacific Electric Motors Facility 1009 66th Avenue in Oakland, California. October 23.

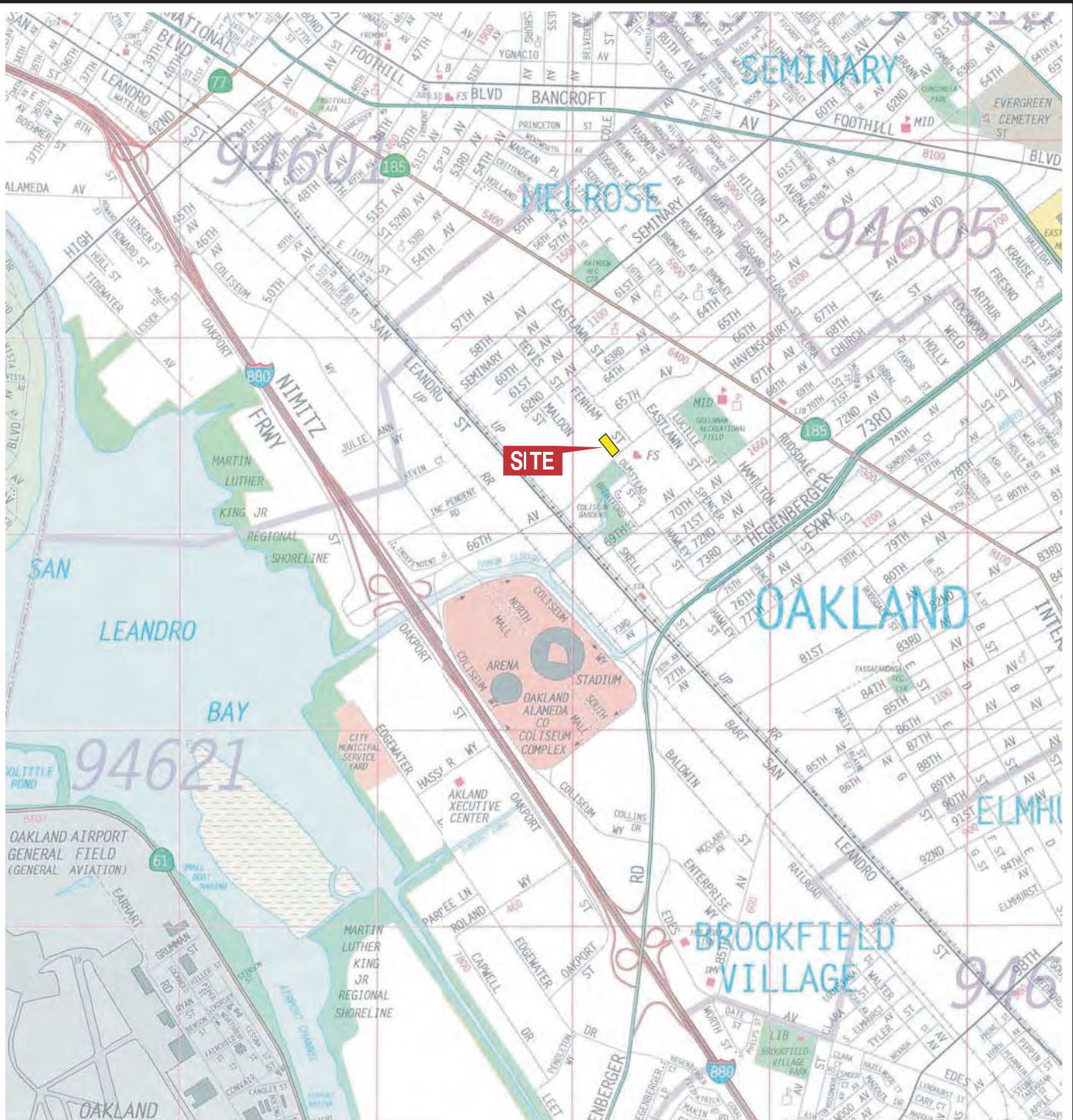
LFR. 2009c. Conditional Approval of the Toxic Substance Control Act Self-Implementing Cleanup Notification and Certification Former Pacific Electric Motors Facility 1009 66th Avenue in Oakland, California. November 18.

LFR. 2010. Toxic Substance Control Act Risk-Based Cleanup Notification and Certification 40 CFR 761.61(c), Former Pacific Electric Motors Facility, 1009 66th Avenue, Oakland, California. January 14.

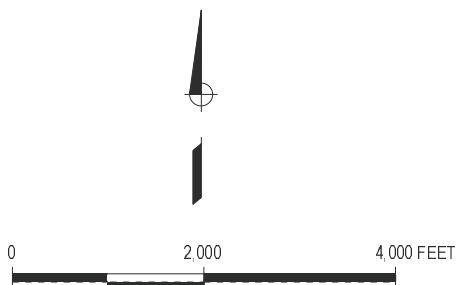
Regional Water Quality Control Board, San Francisco Bay Region (RWQCB). 2013. Revised Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater. Revised. February.

United States Environmental Protection Agency (USEPA). 2009. Polychlorinated Biphenyls – USEPA Conditional Approval Under 40 C.F.R. § 761.61(a), Toxic Substance Control Act - "Toxic Substance Control Act Self-Implementing Cleanup Notification and Certification Former Pacific Electric Motors Facility 1009 66th Avenue in Oakland, California." November 13.





MAP SOURCE: Copyright 1995, Thomas Bros. Map ALAMEDA COUNTY 2002 Edition



1009 66TH AVENUE, OAKLAND, CALIFORNIA

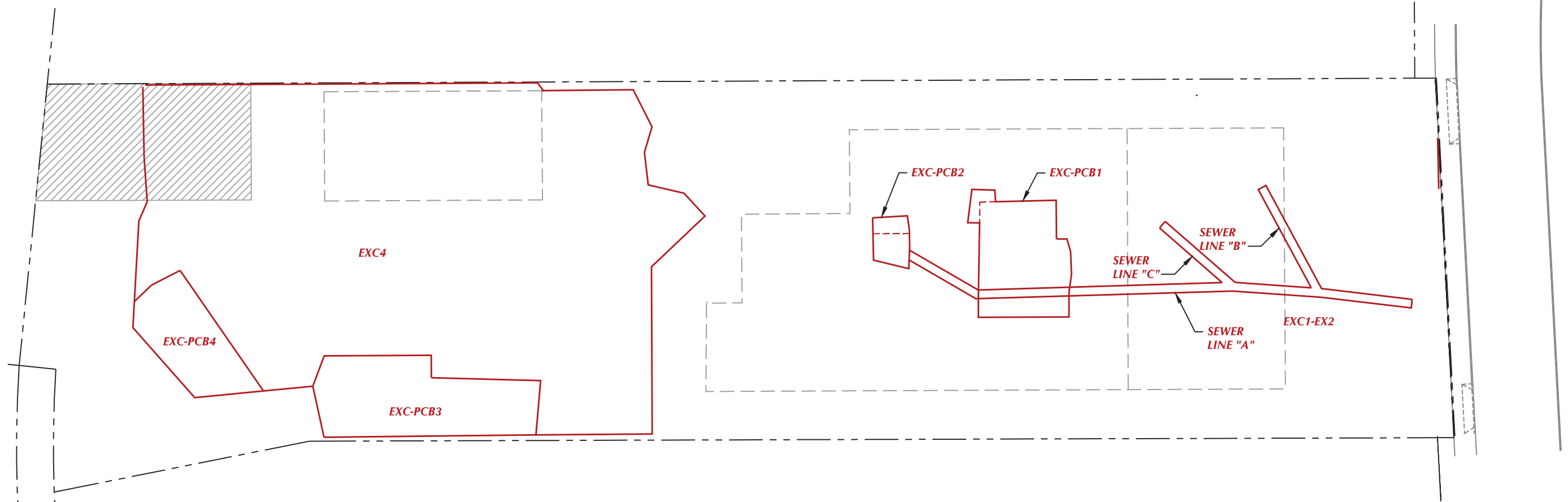
## SITE VICINITY MAP



FIGURE  
**1**



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EXPLANATION:

- Property Line
- Former Warehouse Building
- Area of Excavation of PCB-Affected Soil
- Reported Area of Excavation of PCB-Affected Soil in 1992

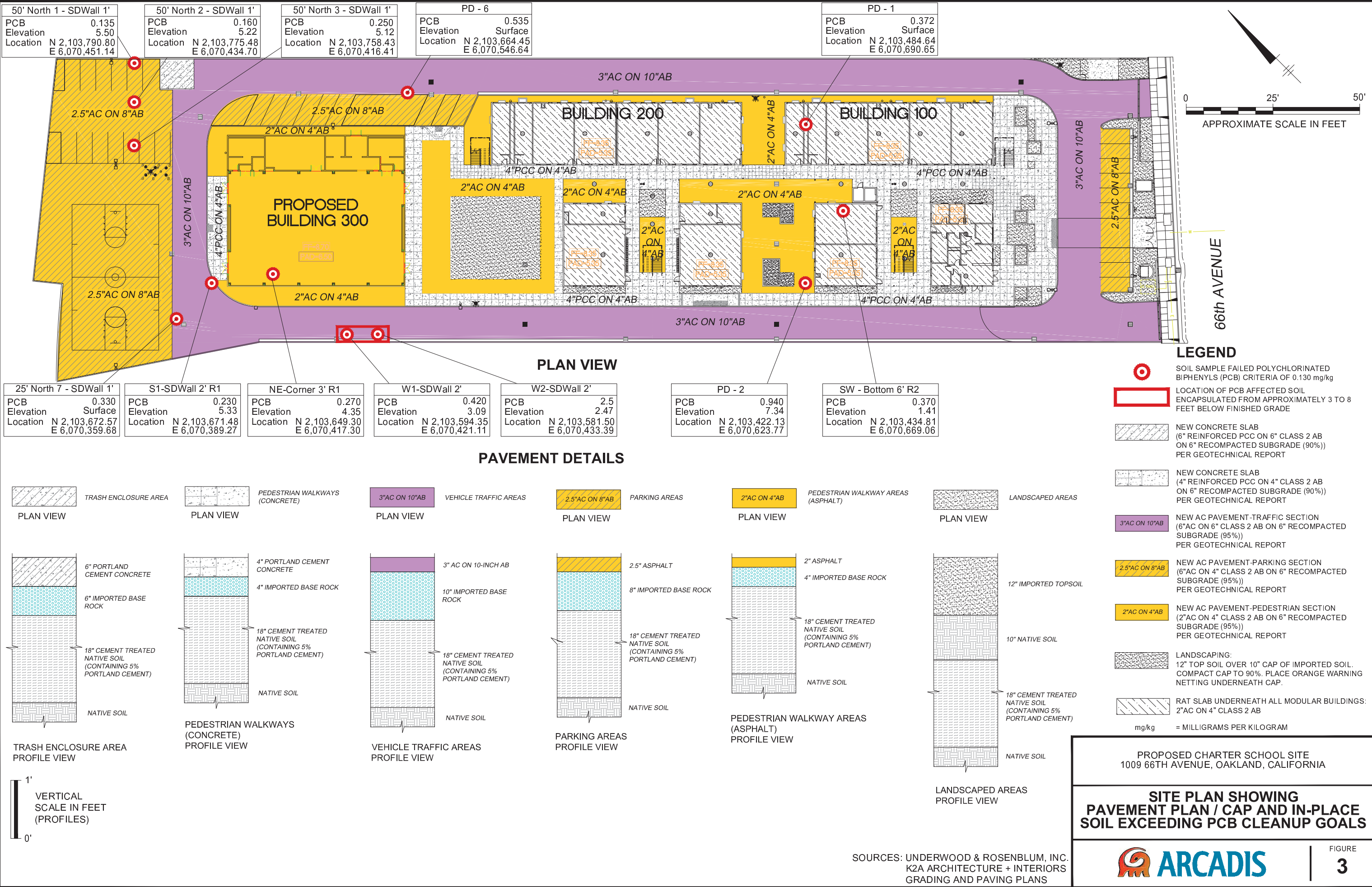
PROPOSED CHARTER SCHOOL SITE  
1009 66TH AVENUE, OAKLAND, CALIFORNIA

SITE PLAN



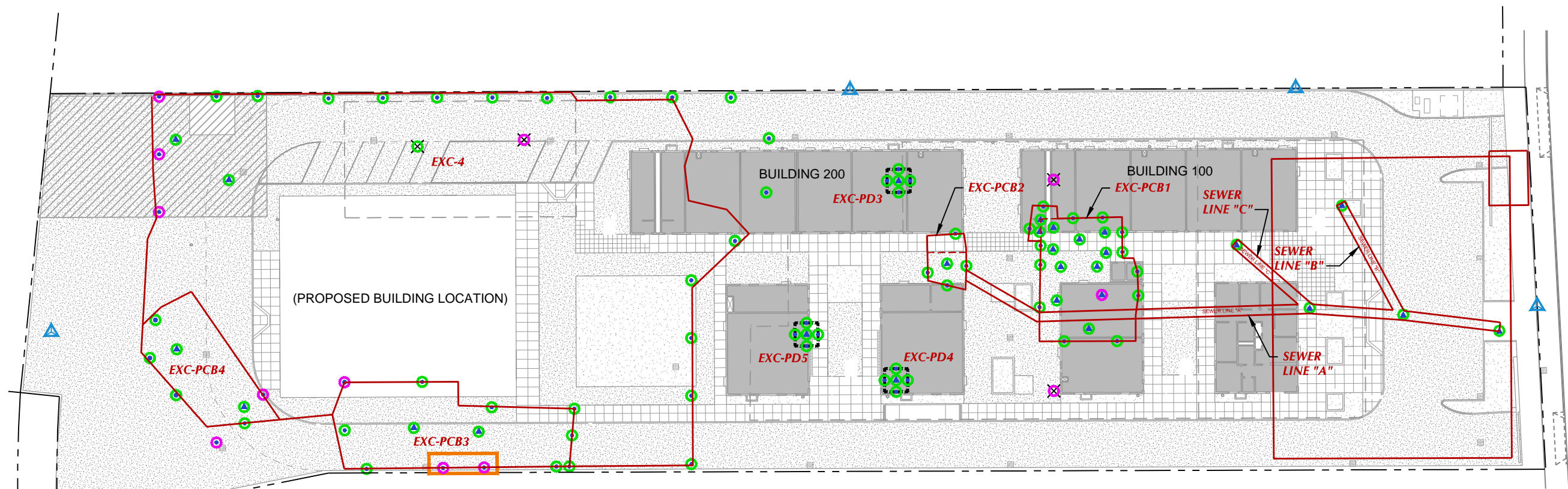


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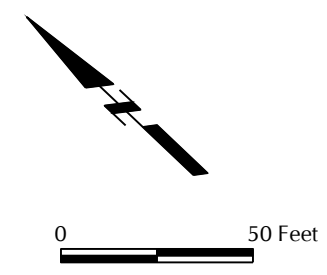




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- EXPLANATION:
- Property Line
  - - - Former Warehouse Building
  - Area of Excavation
  - Reported Area of Excavation of PCB-Affected Soil in 1992
  - Air Monitoring Station
  - Sidewall Confirmation Sample Location and ID
  - ▲ Bottom Confirmation Sample Location and ID
  - ✕ Post Demolition Surface Soil Sample
  - Passed Polychlorinated Biphenyls (PCB) Criteria of 0.130 mg/kg
  - Failed PCB Criteria of 0.130 mg/kg
  - Location of PCB Affected Soil Encapsulated from Approximately 3 to 8 Feet Below Finished Grade
  - EXC-PD5 Post Demolition Excavation Areas. Excavated Soil Encapsulated in EXC PCB3.



PROPOSED CHARTER SCHOOL SITE  
1009 66TH AVENUE, OAKLAND, CALIFORNIA

**SITE PLAN SHOWING EXCAVATION  
AREAS AND CONFIRMATION SAMPLE  
LOCATIONS**


 **ARCADIS**

FIGURE  
**4**





## **Appendix C**

Annual Inspection Summary Report  
Outline



# **ANNUAL INSPECTION SUMMARY REPORT OUTLINE**

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- 1.0 GENERAL INFORMATION
- 2.0 SUMMARY OF ACTIONS COMPLETED SINCE PREVIOUS ANNUAL INSPECTION
- 3.0 NARRATIVE OF OBSERVATIONS
  - 3.1 Purposes of Current Annual Inspection
  - 3.2 Annual Inspection Checklist and Field Log
  - 3.3 Discussion
    - 3.3.1 Hardscape Areas – Cap Integrity
      - 3.3.1.1 Corrective Action Schedule
    - 3.3.2 Landscape Areas – Cap Integrity
      - 3.3.2.1 Corrective Action Schedule
- 4.0 CONCLUSIONS AND RECOMMENDATIONS
  - 4.1 Conclusions
  - 4.2 Recommendations
- 5.0 SIGNATURE

### **Attachments**

- A Site Location Map
- B Site Plan Map
- E Intrusive Work Completion Reports (if applicable)
- F Annual Inspection Checklist and Field Notes
- G Photo Log: Include photographs depicting site conditions





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**Attachment 6**

August 2010 TSCA  
Implementation Report



Ms. Carmen Santos  
U.S. Environmental Protection Agency, Region 9  
Mail Code WST-5  
75 Hawthorne Street  
San Francisco, California 94105

ARCADIS U.S., Inc.  
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Emeryville, CA 94608  
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Fax 510.652.4906  
[www.arcadis-us.com](http://www.arcadis-us.com)

Environmental

Subject:

Implementation of the Toxic Substances Control Act Self-Implementing Cleanup  
Notification at the Former Pacific Electric Motors Facility, 1009 66th Avenue,  
Oakland, California

Dear Ms. Santos:

On behalf of College for Certain, LLC (CFC), ARCADIS U.S., Inc. (ARCADIS) has prepared this summary report in accordance with §40 Code of Federal Regulations (CFR) §761.125(c)(5) to describe the implementation of the Toxic Substances Control Act (TSCA) Self-Implementing Cleanup Plan ("the SICP") at the Former Pacific Electric Motors (PEM) Facility located at 1009 66th Avenue in Oakland, California ("the Site"; Figures 1 and 2). The majority of the environmental work conducted was conducted by LFR Inc. (LFR), on behalf of CFC. LFR was purchased by ARCADIS in December 2008 and became fully integrated into ARCADIS in January 2010.

Date: August 12, 2010

Contact:

Ron Goloubow

Phone:

510.596.9550

E-mail:

[ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)

Our ref:

EM009155.0009.00002

The scope of work for the SICP was presented in a letter from LFR to the U.S. Environmental Protection Agency (U.S. EPA), dated October 23, 2009 and prepared for Aspire Public Schools ("Aspire"; LFR 2009b). The SICP addressed the following polychlorinated biphenyl- (PCB-) related issues:

- The demolition of structures and associated infrastructure formerly located on the Site
- The collection and analysis of additional soil samples and samples of the building materials associated with the former warehouses that were demolished in January 2010.
- The remediation (excavation) of four areas of the Site where PCB-affected soil had been identified through soil samples collected at the Site



The SICP received conditional approval from the U.S. EPA in its letter to Aspire dated November 13, 2009 ("Approval Letter"; U.S.EPA 2009). The conditions provided in the Approval Letter were addressed in a letter transmitted by LFR to the U.S. EPA, dated November 18, 2009. The scope of the SICP was further refined in an e-mail message from representatives of the U.S. EPA to LFR, dated November 25, 2009.

As discussed in conference calls and through the exchange of e-mail messages, the analytical results of confirmation soil samples collected at some locations at the Site during the SICP indicate that PCB-affected soil at concentrations greater than the cleanup criteria of 0.130 milligram per kilogram (mg/kg) is still present at the Site after the SICP was completed. The health risks associated with these "residual concentrations" are presented in Appendix A of this report, and the mitigation plan for this soil is presented in this report. In general, the mitigation measures will include installation of a "TSCA cap" across the surface of the Site and preparation of a deed notification. Both mitigation measures will be in accordance with 40 CFR 761.61(a)(7) and (8), respectively.

The areas of the Site where the excavation of PCB-affected took place are presented on Figure 3. The areas of excavation have been identified as follows:

- PCB-1 and PCB-2 – both located near former catch basins (flat grate inlets) associated with the sewer system that was located inside the former warehouse area (Figure 4)
- PCB-EXC3 – located near a topographic low area that received surface-water drainage in the northern portion of the Site (Figure 5)
- PCB-EXC4 – located north of the topographic low area (PCB-EXC3; Figure 5)
- The northeastern portion of the Site where the excavation of PCB-affected soil previously took place in 1992 (Figure 5)

Excavation areas EXC-PCB1 and EXC-PCB2 are shown in detail on Figure 4; excavation areas EXC-PCB3, EXC-PCB4, and the excavation are located in the northeastern portion of the Site and presented on Figure 5. The scale of these figures accommodates the posting of the analytical results of the soil samples collected after the removal of the PCB-affected soil.



## Scope of This Report

This report has been prepared in accordance with 40 CFR 761.125(c)(5) Records, "Requirements for PCB spill cleanup": This report also provides a summary of the procedures used for the demolition of the structures and site features that were removed during demolition activities along with the health risks associated with these "residual concentrations" (Appendix A), and the mitigation plan for this soil.

According to 40 CFR 761.125(c)(5), the responsible party shall document the cleanup with records of decontamination and the records must be maintained for a period of five years. The records and certification shall consist of the following:

- (i) *Identification of the source of the spill, e.g., type of equipment.*

The source of the PCBs in soil at the Site has not been well documented. The source of PCBs in soil at the Site is most likely associated with the operations previously conducted at the Site by PEM. As previously reported, activities conducted at the Site by PEM included manufacturing of specialty magnets, power supplies, and components; and repairing motors, generators, and transformers (LFR 2009a). Documented releases of hazardous materials at the Site by PEM included PCBs; presumably from storing, repairing, and servicing transformers and other electrical equipment.

- (ii) *Estimated or actual date and time of the spill occurrence*

The actual date and time of the spill occurrence(s) at the Site is not documented but is presumed to have taken place when PEM conducted operations at the Site between 1948 and 2001.

- (iii) *The date and time cleanup was completed or terminated (if cleanup was delayed by emergency or adverse weather: the nature and duration of the delay).*

Cleanup activities conducted on behalf of CFC commenced on November 5, 2009 and were deemed completed on August 10, 2010. Significant weather delays were encountered in December 2009, and January, February, and March 2010.

- (iv) *A brief description of the spill location and the nature of the materials contaminated. This information should include whether the*



*spill occurred in an outdoor electrical substation, other restricted access location, or in a non-restricted access area.*

The areas of PCB-affected soil at the Site that required remediation were identified as follows:

- EXC-PCB1 and EXC-PCB2 – both located near former catch basins (flat grate inlets) that were associated with the sewer system located inside the former warehouse area (Figure 4)
- EXC-PCB3 – located near a topographic low area that received surface-water runoff in the northern portion of the Site (Figure 5)
- EXC-PCB4 – located north of the topographic low area (EXC-PCB3; Figure 5)
- The northeastern portion of the Site where the excavation of PCB-affected soil previously took place in 1992 (Figure 5)

Based on the available information regarding the source of the PCBs in soil at the Site, ARCADIS and CFC have assumed that the spill did not occur in an outdoor electrical substation or in a non-restricted access area. Since the releases occurred on private property, the areas of PCB-affected soil could be considered a “restricted access location.”

- (v) *Pre-clean-up sampling data used to establish the spill boundaries if required because of insufficient visible traces and a brief description of the sampling methodology used to establish the spill boundaries.*

Since there were “no visible traces” indicating a spill had occurred at the Site, the scope of the SICP was based on the analytical results of soil samples collected from across the Site as described below.

### **Soil Quality**

Soil samples were collected from the Site through the course of several phases of environmental investigations that were conducted to assess soil quality at the Site from 1990 to 2009. As part of the SICP, the U.S. EPA requested the collection and analysis of soil samples from areas across the Site (see Approval Letter; U.S. EPA 2009).



The rationale for the collection of additional soil samples from selected locations across the Site prior to the excavation activities was based on previous site usage, as described in a letter from LFR to the U.S. EPA, dated October 19, 2009. In addition, if soil samples collected at these targeted locations contained elevated concentrations of PCBs, a “step-out” sample was collected approximately 10 feet from the original soil sample location. This work resulted in the collection of soil samples from approximately 47 locations at the Site.

In October 2009, LFR collected soil samples from 13 additional sample locations for a total of 60 locations. This sample distribution resulted in approximately one soil sample location for every 1,815 square feet of land across the Site. The analytical results for PCB analyses for these samples are presented on Figure 6. These data were used to derive the proposed areas of excavation, which are also illustrated on Figure 6.

### **Building Materials Survey**

As requested by the U.S. EPA, samples of the building materials that comprised the two warehouses that were demolished were collected in October 2009. These samples were collected and analyzed in accordance with the Sampling Plan for Building Materials provided in the letter from LFR to the U.S. EPA, dated October 19, 2009.

Samples from building materials that included window caulk, paint, roofing materials, and concrete were collected and submitted to a state-certified laboratory for PCB analysis using U.S. EPA Test Method 8082. The laboratory reports for these samples are included on the compact disc (CD) that accompanies this report. PCBs were present in concentrations above the laboratory reporting limits in the samples collected from window caulk, paint, and concrete at the Site.

The demolition debris from the demolition of both structures, including but not limited to wood, metal, glass, and concrete, was consolidated on-site and transported for disposal as bulk PCB remediation waste at Republic Services’ Keller Canyon Landfill located in Pittsburg, California.

Based on the weight tickets provided by Republic Services, a total of 1,060.52 tons of bulk PCB product waste (comprised of window caulking and building materials) and PCB remediation waste (concrete affected by PCBs) was disposed of at the Keller Canyon Landfill. The majority of this material was concrete. The weight summary report for these materials is provided in Appendix B.



### **Post-Demolition Soil Samples**

In accordance with the SICP, seven post-demolition surface soil samples were collected and analyzed from locations illustrated on Figure 6. PCBs were detected in these samples at concentrations ranging from 0.100 to 0.940 mg/kg. The laboratory reports for these samples are also included on the attached CD. These data were used as part of the data set for the health risk assessment that is provided in Appendix A. The potential health risks associated with the presence of this soil at the Site will be mitigated by the installation of the TSCA cap, thereby eliminating the potential exposure pathway to this soil.

### **Transformer and Air Compressor**

A transformer and air compressor were located along the southern wall of the larger of the two former warehouses at the Site (Figure 2). These features were presumably used by PEM. Two samples, one from the oil contained in the transformer and the other from the oil in the air compressor, were collected and analyzed for PCBs using U.S. EPA Test Method 8082. PCBs were not present above laboratory reporting limits in either of these samples. The laboratory reports for these samples are also included on the attached CD.

Based on the above results, the oil from the transformer and air compressor were removed from the Site and recycled at the DeMenno/Kerdoon treatment, storage, and disposal facility (TSDF) located in Compton, California. The metal portions of the transformer and air compressor were removed from the Site as construction debris.

### **Sewer Line Removal**

Following demolition of the larger former warehouse building and removal of the demolition debris, the sewer lines that serviced the former warehouse building at the Site were removed (Figure 3). In accordance with the SICP, the soil beneath the pipelines was over-excavated by approximately 1 to 2 feet below the former pipelines, and soil samples were collected approximately every 50 feet along the trench that formerly contained the sewer pipe.

A total of five soil samples were collected and submitted to a state-certified laboratory for PCB analysis using U.S. EPA Test Method 8082. As indicated on Figure 3, two confirmation soil samples collected from excavations EXC-PCB1 and EXC-PCB2 coincided with the locations of the former sewer pipelines. The locations of the former sewer pipelines and sample locations were surveyed for locations and



elevations by Tronoff Associates, Inc. (Tronoff), a licensed land surveying company located in West Sacramento, California.

PCBs were not present above analytical reporting limits in the seven soil samples collected from beneath the former pipelines. Five of the soil samples were collected from beneath the former pipeline and two soil samples were collected from excavations EXC-PCB1 and EXC-PCB2 that coincided with the locations of the former sewer pipelines.

Soil samples collected from soil previously excavated from this portion of the Site had contained concentrations of soluble lead in excess of the soluble threshold limit concentration (STLC). Thus, the soil that was excavated from around the former sewer pipelines and the pipelines were transported off-site as non-RCRA hazardous waste to Waste Management's Kettleman Hills Landfill.

(vi) *A brief description of the solid surfaces cleaned.*

Solid surfaces associated with the building materials associated with the former warehouse buildings were not cleaned prior to demolition. Solid surfaces of demolition and earth-moving equipment were cleaned in accordance with 40 CFR 761.79(c)(2) as required in Condition 3 of the Approval Letter. The buckets of the movable equipment and soil sampling equipment were swabbed with towels containing hexane. The decontamination materials were disposed of along with the PCB-affected soil that was transported to Waste Management's Kettleman Hills Landfill.

(vii) *Approximate depth of soil excavation and the amount of soil removed.*

This section provides a summary of the volume and disposition of the soil excavated from the four areas of PCB-affected soil. The locations and dimensions of the excavations, along with the locations and elevations of the confirmation soil samples, were surveyed by Tronoff. The survey data were the basis for the figures that are included in this report.

The excavated soil was transported and disposed of at off-site landfills as described below and in accordance with 40 CFR §761.61(a)(5) - Site Cleanup.



**EXC-PCB1**

This area of excavation was located adjacent to former catch basins (flat grate inlets) associated with the sewer system within the larger former warehouse building at the Site (Figures 3 and 4). The final depth of this area of excavation measured approximately 3 to 6 feet below grade.

One soil sample collected approximately 0.5 foot below ground surface (bgs) from soil boring 4B contained PCBs at 69.68 mg/kg. Based on the analytical results of this soil sample, soil excavated from this area of the Site was disposed of at Kettleman Hills. Based on weight tickets provided by Waste Management, 354.63 tons of PCB remediation waste soil were removed from this area of excavation on November 19 and 20, and December 10 and 11, 2009. The hazardous waste manifests and weight summary report provided by Waste Management are provided in Appendix B.

**EXC-PCB2**

This area of excavation was located adjacent to former catch basins (flat grate inlets) associated with the sewer system within the former warehouse buildings at the Site (Figures 3 and 4). The final depth of this area of excavation measured approximately 3 to 4 feet below grade.

Soil samples collected from soil borings in this area of excavation did not contain PCBs at concentrations greater than 50 mg/kg (Figure 6). Based on the analytical results for these soil samples, soil excavated from this area of the Site was disposed of at Republic Services' Vasco Road Landfill located in Livermore, California. Based on weight tickets provided by Republic Services, approximately 150 tons of PCB remediation waste soil were removed from this area of excavation in December 2009. The weight summary report provided by Republic Services is provided in Appendix B.

**EXC-PCB3**

This area of excavation was located near a topographic low area that received surface-water runoff in the northern portion of the Site (Figures 3 and 5). The final depth of this area of excavation measured approximately 3 to 8 feet below grade.

Soil samples collected from soil borings in this area of excavation did not contain PCBs at concentrations greater than 50 mg/kg (Figure 6). Based on the analytical results for these soil samples, soil excavated from this area of the Site was disposed



of at Republic Services' Vasco Road Landfill. Based on weight tickets provided by Republic Services, approximately 750 tons of PCB remediation waste soil were removed from this area of excavation in January 2010. The weight summary report provided by Republic Services is provided in Appendix B.

#### **EXC-PCB4**

This area of excavation was located north of the topographic low area (PCB-EXC3) (Figures 3 and 5). The final depth of this area of excavation measured approximately 3 to 6 feet below grade.

Soil samples collected from soil borings in this area of excavation did not contain PCBs at concentrations greater than 50 mg/kg (Figure 6). Based on the analytical results for these soil samples, soil excavated from this area of the Site was disposed of at Republic Services' Vasco Road Landfill. Based on weight tickets provided by Republic Services, approximately 600 tons of PCB remediation waste soil were removed from this area of excavation in January and March 2010. The weight summary report provided by Republic Services is provided in Appendix B.

#### **The Former 1992 Excavation Area**

This area of excavation was located in the northeastern portion of the Site where the excavation of PCB-affected soil previously took place in 1992 (Figure 5). The final depth of this area of excavation measured approximately 3 to 4 feet below grade.

Reportedly, soil samples collected in this area of excavation in 1992 contained PCBs at concentrations greater than 50 mg/kg. Thus, soil excavated from this area of the Site was disposed of at Kettleman Hills. Based on weight tickets provided by Waste Management, 501.37 tons of PCB-affected soil were removed from this area of excavation in December 2009 and March 2010. The hazardous waste manifests and weight summary report provided by Waste Management are provided in Appendix B.

- (viii) *Post-cleanup verification sampling data and, if not otherwise apparent from the documentation, a brief description of the sampling methodology and analytical technique used.*

Post-cleanup verification soil samples were collected and analyzed in accordance with the methods and procedures provided in the SICP documents. Please note that, in areas where the analytical results of the confirmation soil samples failed the cleanup criteria (i.e., contained PCBs at a concentration greater than the cleanup



criteria), the area of excavation was expanded and additional confirmation soil samples were collected and analyzed. As discussed between representatives of the U.S. EPA, ARCADIS, CFC, and Alameda County Environmental Health (ACEH), concentrations of PCBs above the cleanup criteria remain in place at all but one of the following areas of excavation:

EXC-PCB1 – one sample location

EXC-PCB2 – no sample locations

EXC-PCB3 – three sample locations

EXC-PCB4 – one sample location

The Former 1992 PCB Excavation - three sample locations

Of these eight soil samples, only one sample collected from excavation area EXC-PCB3 along the property line adjacent to the neighboring warehouse contained PCBs at a concentration greater than 1.0 mg/kg. The Laboratory Certificates for the soil samples collected from these areas are provided on the attached CD. Please note that analytical results for some confirmation soil samples contained on the Laboratory Certificates are for soil samples that failed the cleanup criteria for PCBs and represent soil that was removed from the Site.

This report also contains the risk assessment associated with the unmitigated presence of the soil containing PCBs greater than the site-specific cleanup criteria of 0.130 mg/kg for future site occupants.

As discussed, the exposure pathway to this soil containing relatively low concentrations of PCBs for future occupants of this property will be mitigated. The mitigation measures will include the installation of a cap across the surface of the Site and the preparation of a deed notification. Both mitigation measures will be in accordance with 40 CFR 761.61(a)(7) and (8), respectively.

#### **EXC-PCB1**

A total of 25 confirmation soil samples were collected and analyzed from this area of excavation (see Table 1 and Figure 4). The analytical results for the samples collected from EXC-PCB1 are summarized in Table 1. Only one soil sample collected from the base of the excavation, approximately 8 feet bgs, contained PCBs at a



concentration of 0.370 mg/kg. Since this soil sample was collected approximately 4 feet below groundwater, the excavation was not expanded.

#### **EXC-PCB2**

A total of five confirmation soil samples were collected and analyzed from this area of excavation that passed the cleanup criteria for PCBs (Table 2 and Figure 4). None of the soil samples collected from this area contained PCBs above the cleanup criteria. The analytical results for the samples collected from EXC-PCB2 are summarized in Table 2.

#### **EXC-PCB3**

A total of nine confirmation soil samples were collected and analyzed from this area of excavation that passed the cleanup criteria for PCBs (Table 3 and Figure 5). The analytical results for the samples collected from EXC-PCB3 are summarized in Table 3. A total of three soil samples collected from this area contained PCBs above the cleanup criteria. Two of the soil samples that failed the cleanup criteria were collected from along the property boundary adjacent to the large warehouse that is located on the adjacent property (Figure 5). As discussed, this area could not be excavated past 4 feet bgs due to the presence of the adjacent building; therefore, the soil had to be left in place.

#### **EXC-PCB4**

A total of seven confirmation soil samples were collected and analyzed from this area of excavation that passed the cleanup criteria for PCBs (Table 4 and Figure 5). The analytical results for the samples collected from EXC-PCB4 are summarized in Table 4. Only one soil sample collected from this area contained PCBs above the cleanup criteria.

#### **The Former 1992 Excavation Area**

A total of seven confirmation soil samples were collected and analyzed from this area of excavation that passed the cleanup criteria for PCBs (Table 5 and Figure 5). The analytical results for the samples collected from the excavation near the Former 1992 Excavation Area are summarized in Table 5. Three soil samples collected from this area contained PCBs above the cleanup criteria.



- (ix) *While not required for compliance with this policy, information on the estimated cost of cleanup (by man-hours, dollars, or both) would be useful if maintained in the records*

CFC has spent approximately \$500,000 remediating the PCB-affected soil and concrete at this Site to date.

### **Summary of Human Health Risk Evaluation**

This section provides a summary of the Human Health Risk Evaluation conducted for this Site. The recent Human Health Risk Evaluation that takes into account the data from the SICP is provided in Appendix A.

In 2006, LFR performed a baseline risk evaluation using the assumptions of residential exposure, as designated in the Preliminary Environmental Assessment Guidance Manual (DTSC 1999). A detailed description of the methods and procedures of this risk evaluation was presented in the Draft Final Soil Removal Action Work Plan (LFR 2006).

The total excess cancer risk posed by the presence of chemicals in soil was calculated to be  $9 \times 10^{-3}$  (LFR 2006). The majority of this total risk is attributable to the presence of arsenic, hexavalent chromium {chromium (VI)}, benzene, polycyclic aromatic hydrocarbons (PAHs), and PCBs at the Site. The total hazard index (HI) for the property was calculated to be 128. The majority of the total non-cancerous hazard is attributable to PCBs. Other chemicals that contribute to the non-cancerous hazard include arsenic and vanadium.

Compounds were selected for cleanup goal development if they were identified in the risk assessment as having a greater than one in one million risk or a hazard quotient greater than 1. The cleanup goal development methodology was presented in the revised CAP (LFR 2009a).

### **In-Place Soil Evaluation**

A human health risk screen was performed considering the soil that was left in place after the removal actions. This included analytical data for soil samples collected during the site characterization activities and post-removal confirmation soil sampling events. Data associated with soil that was removed from the Site (i.e. excavated, transported, and disposed of off-site) were removed from the data set. Therefore, the data set consists of only data associated with soils remaining on-site. A list of the



PCB in-place soil samples used for this evaluation is presented in Table A-1, included in Appendix A.

Exposure point concentrations (EPCs) of the post-removal chemicals of concern (COCS) were used to perform the human health risk screen. The EPCs for the selected COCs were compared to Recommended Cleanup Goals presented in the revised CAP (LFR 2009). The U.S. EPA software ProUCL Version 4.00.05 was used to perform the statistical evaluation. EPCs were calculated for COCs with a minimum of six detections. Maximum detected concentrations were used for COCs with fewer than six detections.

Details on the statistical evaluation and representative concentrations are included in Appendix A.

#### Health Risk Screen

Comparisons were performed as follows for carcinogenic compounds:

$$\text{RiskEPC} = \frac{\text{EPC}_{\text{soil}} \times \text{TRisk}}{\text{CUG}}$$

Where:

RiskEPC = estimated risk for COC (target =  $10^{-6}$ )

EPC<sub>soil</sub> = exposure point concentration for soil

TRisk = target risk used for the CUP calculation ( $10^{-6}$ )

CUP = cleanup goal presented for the COCs in CAP

Comparisons were performed as follows for non-carcinogenic compounds:

$$\text{HazardEPC} = \frac{\text{EPC}_{\text{soil}}}{\text{CUG}}$$

Where:

HazardEPC = estimated risk for Site (target = 1)

EPC<sub>soil</sub> = exposure point concentration for soil

CUP = cleanup goal presented for the COCs in CAP



The estimated risk based on the screen is  $2 \times 10^{-6}$ . PCBs are the only in-place COCs with an estimated risk greater than  $1 \times 10^{-6}$ . The estimated HI is 4. PCBs are the only in-place COCs with an estimated HI greater than 1.

The metals arsenic and lead were evaluated by comparing their respective EPCs to the established cleanup goals. Arsenic's goal is based on naturally occurring background concentrations, and lead is based on the residential California Human Health Screening Level (OEHHA 2009). Both arsenic and lead EPCs were below their respective screening criteria.

### **Mitigation Measures**

This section of the letter provides a summary of the mitigation measures to be implemented at the Site.

#### **TSCA Cap**

As we have discussed, the PCB-affected soil will be mitigated by installing a "TSCA cap" across the Site. Figure 7 is a map that illustrates the locations of the soil samples that failed the cleanup criteria for PCBs with respect to the proposed redevelopment plan for the property. The mitigation measures, including a soil management plan (SMP) and installation of the TSCA cap, have been incorporated into the grading plan for the redevelopment of this property.

The grading plan is provided as Appendix C to this report. As indicated on Figure 7, the majority of the property will be covered by pavement or buildings. There are some smaller areas proposed of landscaping. In accordance with 40 CFR 761.61(a)(7), the following specifications have been proposed for the installation of the cap at the Site:

- Asphalt areas that are subject to traffic – 6-inch-thick section of asphalt placed over a 6-inch-thick interval of imported and compacted aggregate base rock
- Asphalt areas that are subject to parking – 6-inch-thick section of asphalt placed over a 4-inch-thick interval of imported and compacted aggregate base rock
- Concrete slab that is for the multipurpose building – 6-inch-thick section of concrete placed over a 2-inch-thick interval of imported and compacted aggregate base rock



- Rat slabs beneath the modular buildings will be a 6-inch-thick section of asphalt
- Landscaped areas will be comprised of 12 inches of imported top soil placed on top of 10 inches of imported soil compacted to 90% relative compaction. In addition, a layer of orange plastic safety netting will be placed upon the native soil at the landscaped areas to demark the presence of native soil.

The locations of the various areas at the Site are provided on sheet 1-C3.0 of the grading plan (Appendix C).

#### **TSCA Cap Inspection**

The TSCA cap will be visually inspected annually (once a year) for cracks or differential settlement. The inspection will be conducted by a California licensed Engineer or Geologist. The results of the inspection will be documented in a brief summary letter that will include photographs and a map. The letters will be transmitted to the U.S. EPA for its review and comment.

All identified cracks or settlements will be repaired by a California-licensed General Engineering Contractor to provide equipment and experienced personnel to conduct the excavation work. The personnel will have the appropriate Occupational Safety and Health Administration (OSHA) training for sites with affected soil and groundwater (HAZWOPER). Repair activities will be directed by individuals working under the direct supervision of a California Professional Geologist or Professional Engineer. Soil generated through the repair activities will be handled in accordance with the SMP that is included in the grading plan for this project. The repairs will be documented in a brief summary letter that will include photographs and a map.

#### **Soil Management Plan**

An SMP has been developed for the Site and is incorporated into the grading plan (Appendix C). In general, the SMP provides a summary of procedures to be used if soil is to be disturbed at the Site. This includes the grading operations that are to take place during the re-development of the Site.

#### **Deed Notice and Risk Management Plan**

As provided in the Approval Letter, CFC shall record in accordance with California state law, a notation on the deed to the property, or on some other instrument that is



normally examined during a title search, that will in perpetuity notify any potential purchaser of the property of the following:

- (1) That the land has been used for PCB remediation waste disposal and specific activities are prohibited as described in the risk management plan described above;
- (2) Existence of the cap (protective barriers) and the requirement to maintain the protective barriers in perpetuity;
- (3) The applicable cleanup levels left at the Site, under the cap; and
- (4) The procedure by which the U.S. EPA will be notified of penetrations or alterations of the required cap. In addition, CFC will submit to the U.S. EPA a certification signed by an officer of CFC certifying the required deed was recorded.

One other condition of the Approval Letter was for CFC to provide an SMP. The SMP will include the following:

- (1) A survey of the Aspire property and map clearly depicting all areas where PCBs were encountered and remediated;
- (2) A description of specific activities to be prohibited at the school because of their potential to penetrate protective barriers (e.g., asphalt, concrete) that would expose on-site soils;
- (3) A description of how the teachers, administrators, and staff at the school will be notified of the specific activities that are prohibited at the school because of their potential to penetrate protective barriers (e.g., asphalt, concrete) that would expose on-site soils; and
- (4) The conditions under which penetration or alteration of protective barriers is permitted and the contingencies that must be implemented to prevent exposure to on-site soils.

The deed notification and SMP are currently being prepared and will be provided to the U.S. EPA under a separate submittal.



We at ARCADIS appreciate working with you and your team and look forward to bringing this project to closure with the U.S. EPA and ACEH in the very near future.

Sincerely,

ARCADIS U.S., Inc.



Ron Goloubow, P.G.  
Senior Associate Geologist

Copies:

Mike Barr – College for Certain, LLC  
Charles Robitaille – Pacific Charter Schools  
Paresh Khatri – Alameda County Department of Environmental Health

Enclosures:

Compact Disc - Containing Laboratory Reports for Soil Samples  
Table 1 – Analytical Results for Confirmation Soil Samples Collected from EXC-PCB-1, PCBs  
Table 2 – Analytical Results for Confirmation Soil Samples Collected from EXC-PCB-2, PCBs  
Table 3 – Analytical Results for Confirmation Soil Samples Collected from EXC-PCB-3, PCBs  
Table 4 – Analytical Results for Confirmation Soil Samples Collected from EXC-PCB-4, PCBs  
Table 5 – Analytical Results for Confirmation Soil Samples Collected from EXC-4, PCBs  
Figure 1 – Site Vicinity Map  
Figure 2 – Site Plan  
Figure 3 – Site Plan Showing Excavation Areas and Confirmation Sample Locations  
Figure 4 – Excavations PCB-1 and PCB-2  
Figure 5 – Excavations EXC-4, PCB-3, and PCB-4  
Figure 6 – PCBs Detected in Soil 0 to 5 feet Below Ground Surface  
Figure 7 – Proposed Development Plan with Excavation Areas and Confirmation Sample Locations  
Appendix A – Human Health Risk Evaluation  
Appendix B – Hazardous Waste Manifests and Weight Summary Reports from Waste Management and Republic Services  
Appendix C – Grading Plan



## References

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California Environmental Protection Agency, Office of Environmental Health Hazard Assessment (OEHHA). 2004. Guidance for School Site Risk Assessment Pursuant to Health and Safety Code Section 901(f): Guidance for Assessing Exposures and Health Risks at Existing and Proposed School Sites. Final Report. February.

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LFR Inc. (LFR). 2006. Draft Final Soil Removal Action Work Plan, Proposed Aspire Charter School, 1009 66th Avenue, Oakland, Alameda County, California. October 10.

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**Table 1**  
**Analytical Results for Confirmation Soil Samples Collected**  
**from EXC-PCB-1, PCBs**  
**Former Pacific Electric Motors Site**  
**1009 66th Avenue, Oakland, California**  
*concentrations in milligrams per kilogram (mg/kg)*

**PCB Excavation 1**

Sample ID	Date	PCBs
EXC-PCB-1 W-SIDEWALL 2' NORTH 2	11/10/2009	<0.050
EXC-PCB-1 N-SIDEWALL 2' WEST 2	11/10/2009	0.069
EXC-PCB-1 S-SIDEWALL 2' EAST	11/4/2009	<0.050
EXC-PCB-1 S-SIDEWALL 2' WEST	11/4/2009	<0.050
EXC-PCB-1 N-SIDEWALL 2' WEST	11/6/2009	<0.050
EXC-PCB1 N-SDWALL-2'-EAST2	11/11/2009	<0.050
EXC-PCB-1 E-SIDEWALL 2' NORTH	11/6/2009	<0.050
EXC-PCB-1 E-SIDEWALL 2' SOUTH	11/6/2009	<0.050
EXC-PCB1 E-SDWALL-2'-NORTH2	11/11/2009	<0.050
EXC-PCB-1 NW2 BOTTOM 4'	11/10/2009	<0.050
EXC PCB1-NW-BOTTOM4'-R2	11/23/2009	<0.050
EXC-PCB-1 NE BOTTOM 4'	11/6/2009	<0.050
EXC-PCB1E-NE2-BOTTOM 4'	11/11/2009	<0.050
EXC-PCB1E-NE3-BOTTOM 4'	11/11/2009	<0.050
EXC-PCB-1 CENTER BOTTOM 4'	11/6/2009	0.074
EXC-PCB-1 SW BOTTOM 4'	11/6/2009	0.058
EXC-PCB-1 SE BOTTOM 4'	11/6/2009	<0.050
<b>EXC TPH/PCB1-SW-BOTTOM8'-R3</b>	<b>12/3/2009</b>	<b>0.370</b>
EXC TPH/PCB1 SE-BOTTOM 4'-R	11/17/2009	<0.050
EXC TPH/PCB1 NW-BOTTOM 4'	11/17/2009	<0.050
EXC TPH/PCB1W-BOTTOM4'-R	11/24/2009	<0.050
EXC TPH/PCB1 S-SDWALL2'-EAST-R	11/18/2009	<0.050
EXC TPH/PCB1 N-SDWALL2'-WEST-R	11/21/2009	<0.049
EXC TPH/PCB1 S-SDWALL2'-WEST-R	11/18/2009	<0.050
EXC TPH/PCB1 W-SDWALL2'-SOUTH-R2	11/24/2009	<0.050
EXC TPH/PCB1W-SDWALL2'-NORTH-R	11/24/2009	<0.050
<b>REGULATORY CONCENTRATIONS</b>		
Soil Cleanup Goal		0.130



**Table 1**  
**Analytical Results for Confirmation Soil Samples Collected**  
**from EXC-PCB-1, PCBs**  
**Former Pacific Electric Motors Site**  
**1009 66th Avenue, Oakland, California**  
*concentrations in milligrams per kilogram (mg/kg)*

**Notes:**

PCBs = polychlorinated biphenyls

Samples analyzed by TestAmerica Laboratories Inc. for PCBs using EPA Test Method 8082.

Bold font denotes results above soil cleanup goal.

Italic font denotes results of sample collected at the location of "over-excavation" where analytical results were above cleanup goals.



**Table 2**  
**Analytical Results for Confirmation Soil Samples Collected**  
**from EXC-PCB-2, PCBs**  
**Former Pacific Electric Motors Site**  
**1009 66th Avenue, Oakland, California**  
*concentrations in milligrams per kilogram (mg/kg)*

**PCB Excavation 2**

Sample ID	Date	PCBs
EXC-PCB-2 W-SIDEWALL 2'	11/4/2009	<0.050
<i>EXC-PCB-2 E2-SIDEWALL 2'</i>	<i>11/10/2009</i>	<i>&lt;0.050</i>
EXC-PCB-2 SO-SIDEWALL 2'	11/4/2009	<0.050
EXC-PCB-2 N-SIDEWALL 2'	11/4/2009	<0.050
EXC-PCB-2 CENTER BOTTOM 4'	11/5/2009	<0.050
<b>REGULATORY CONCENTRATIONS</b>		
Soil Cleanup Goal		0.130

**Notes:**

PCBs = polychlorinated biphenyls

Samples analyzed by TestAmerica Laboratories Inc. for PCBs using EPA Test Method 8082.

Italic font denotes results of sample collected at the location of "over-excavation" where analytical results were above cleanup goals.



**Table 3**  
**Analytical Results for Confirmation Soil Samples Collected**  
**from EXC-PCB-3, PCBs**  
**Former Pacific Electric Motors Site**  
**1009 66th Avenue, Oakland, California**  
*concentrations in milligrams per kilogram (mg/kg)*

**PCB Excavation 3**

Sample ID	Date	PCBs
EXC PCB3 N-BOTTOM4'	11/21/2009	<0.050
EXC PCB3 S-BOTTOM4'	11/21/2009	<0.050
EXC PCB3-SE-CORNER4'	11/23/2009	<0.049
<i>EXC PCB3-NE-CORNER3'R1</i>	<i>12/8/2009</i>	<b>0.270</b>
EXC PCB3-E1-SDWALL2'R1	12/8/2009	<0.050
EXC PCB3-E2-SDWALL2'	11/23/2009	<0.050
<i>EXC PCB3-NW-Corner 4'</i>	<i>5/26/2010</i>	<i>0.047</i>
EXC PCB3-SW-CORNER4'	11/23/2009	<0.050
<i>EXC PCB3-W1-SDWALL4'</i>	<i>5/26/2010</i>	<b>0.420</b>
<i>EXC PCB3-W2-SDWALL4'</i>	<i>5/26/2010</i>	<b>2.500</b>
EXC PCB3-W3-SDWALL2'	11/23/2009	<0.050
EXC PCB3-N-SDWALL2'R1	12/8/2009	<0.050
<b>REGULATORY CONCENTRATIONS</b>		
Soil Cleanup Goal		0.130

**Notes:**

Samples analyzed by TestAmerica Laboratories Inc. for PCBs using EPA Test Method 8082.

Bold font denotes results above soil cleanup goal.

Italic font denotes results of sample collected at the location of "over-excavation" where analytical results were above cleanup goals.

PCBs = polychlorinated biphenyls



**Table 4**  
**Analytical Results for Confirmation Soil Samples Collected**  
**from EXC-PCB-4, PCBs**  
**Former Pacific Electric Motors Site**  
**1009 66th Avenue, Oakland, California**  
*concentrations in milligrams per kilogram (mg/kg)*

**PCB Excavation 4**

Sample ID	Date	PCBs
EXC PCB4-N-SDWALL2'	11/21/2009	0.084
EXC-PCB4-N2-SDWALL2'	11/21/2009	<0.050
EXC-PCB4-S2-SDWALL2'	11/21/2009	<b>0.200</b>
<i>EXC PCB4-W-SDWALL2'R1</i>	<i>12/8/2009</i>	<i>0.066</i>
EXC PCB4-E-SDWALL2'	11/21/2009	0.120
<i>EXC-PCB4-W-BOTTOM6' R1</i>	<i>12/8/2009</i>	<i>&lt;0.049</i>
EXC-PCB4-E-BOTTOM4'	11/21/2009	<0.049
<b>REGULATORY CONCENTRATIONS</b>		
Soil Cleanup Goal		0.130

**Notes:**

Samples analyzed by TestAmerica Laboratories Inc. for PCBs using EPA Test Method 8082.

Bold font denotes results above soil cleanup goal.

Italic font denotes results of sample collected at the location of "over-excavation" where analytical results were above cleanup goals.

PCBs = polychlorinated biphenyls



**Table 5**  
**Analytical Results for Confirmation Soil Samples Collected**  
**from EXC-4, PCBs**  
**Former Pacific Electric Motors Site**  
**1009 66th Avenue, Oakland, California**  
*concentrations in milligrams per kilogram (mg/kg)*

**Excavation 4**

Sample ID	Date	PCBs
EXC4-N1-SDWALL3'-R2	06/04/10	0.029
EXC4-NORTH3-SDWALL1'	11/20/09	<0.050
EXC4-NORTH4-SDWALL1'	11/20/09	<0.050
EXC4-NORTH5-SDWALL1'	11/20/09	<0.050
EXC4-NORTH6-SDWALL1'	11/20/09	<0.050
EXC4-25'NORTH1-SDWALL3' R1	06/04/10	0.015
EXC4-25'NORTH4-SDWALL1'	11/30/09	0.067
EXC4-25'NORTH5-SDWALL1'	11/30/09	<0.050
EXC4-25'NORTH6-SDWALL1'	11/30/09	<0.050
EXC4-50'NORTH1-SDWALL3'-R2	06/04/10	<b>0.135</b>
EXC4-50'NORTH3-SDWALL1'	11/30/09	<b>0.250</b>
EXC4-50'NORTH3-SDWALL3'-R2	06/04/10	0.029
EXC4-50'NORTH3-SDWALL1'-R	11/30/09	<b>0.250</b>
EXC4 NORTH 50 BOTTOM 3' NORTH	07/02/10	0.099
EXC4 NORTH 50 BOTTOM 3' SOUTH	07/02/10	0.064
EXC4-SOUTH2-SDWALL1'	11/20/09	0.059
EXC4-SOUTH3-SDWALL1'	11/21/09	<0.050
EXC4-SOUTH4-SDWALL1'	11/21/09	<0.048
EXC4-SOUTH5-SDWALL1'	11/21/09	<0.049
EXC4-SOUTH6-SDWALL1'	11/21/09	<0.049
EXC4-SOUTH7-SDWALL1'	11/21/09	<0.050
EXC-4-South-4A-SDWALL1'	11/30/09	<0.050
EXC-4-South-4B-SDWALL1'	11/30/09	<0.050
EXC-4-South-4C-SDWALL1'	11/30/09	<0.050
EXC4-EAST1-SDWALL1'	11/21/09	<0.490
EXC4-EAST2--SDWALL1'	11/19/09	<0.050
EXC4-EAST3--SDWALL1'	11/19/09	<0.050
EXC4-EAST4--SDWALL1'	11/19/09	<0.050
EXC4-EAST5--SDWALL1'	11/19/09	<0.050
EXC4-EAST6-SDWALL1'	11/21/09	<0.049
EXC4-EAST7-SDWALL1'	11/21/09	<0.050
EXC4-EAST8-SDWALL1'	11/21/09	<0.050
<b>REGULATORY CONCENTRATIONS</b>		
Soil Cleanup Goal		0.130



**Table 5**  
**Analytical Results for Confirmation Soil Samples Collected**  
**from EXC-4, PCBs**  
**Former Pacific Electric Motors Site**  
**1009 66th Avenue, Oakland, California**  
*concentrations in milligrams per kilogram (mg/kg)*

**Notes:**

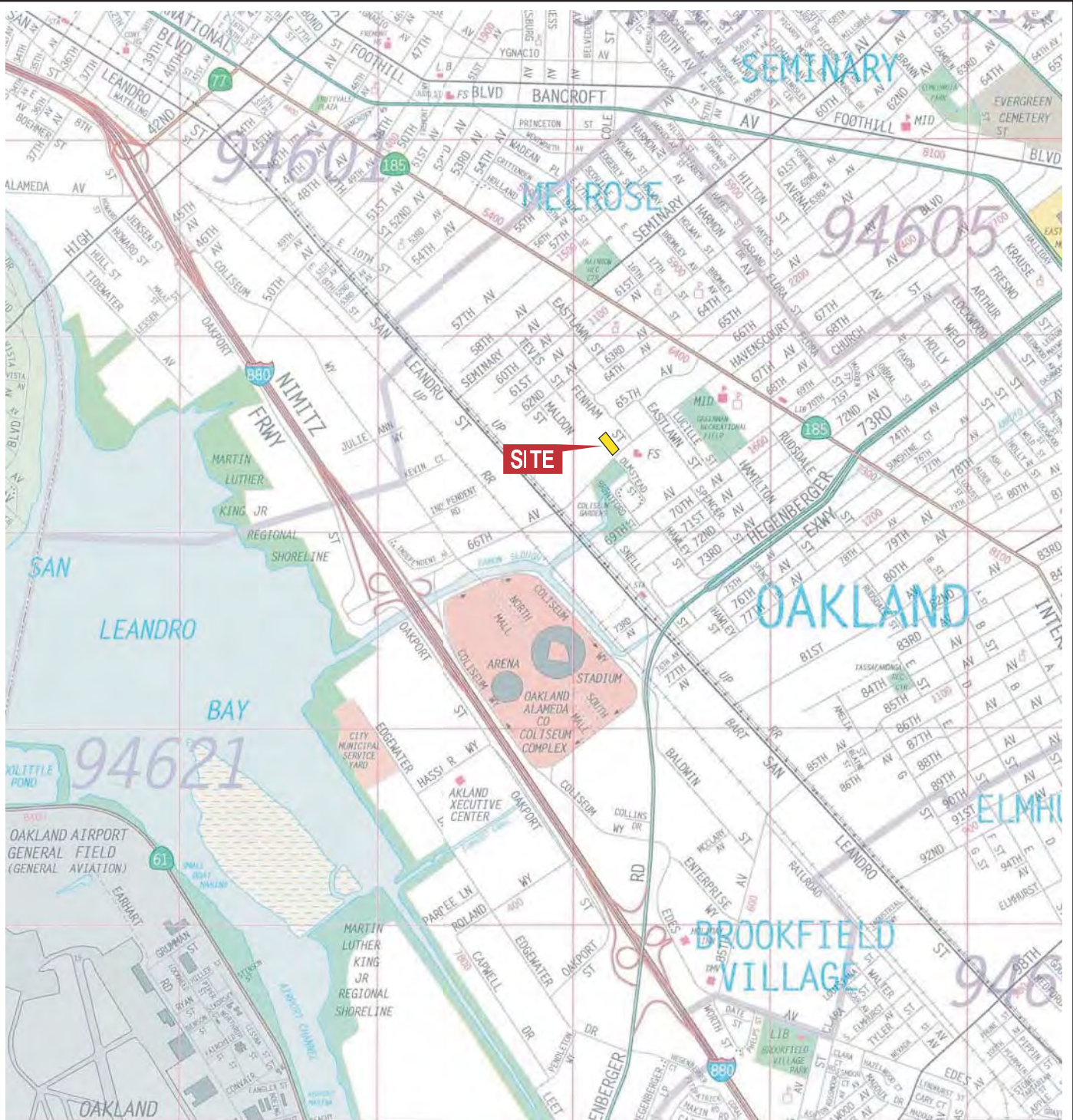
Samples analyzed by TestAmerica Laboratories Inc. and Curtis and Tompkins for PCBs using EPA Test Method 8082.

Bold font denotes results above soil cleanup goal.

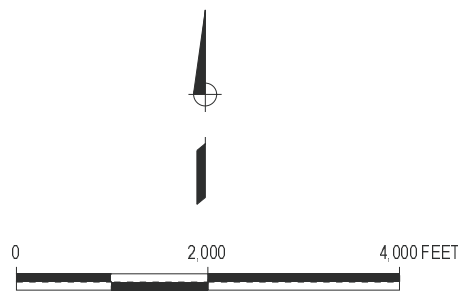
Italic font denotes results of sample collected at the location of "over-excavation" where analytical results were above cleanup goals.

PCBs = polychlorinated biphenyls





MAP SOURCE: Copyright 1995, Thomas Bros. Map ALAMEDA COUNTY 2002 Edition



1009 66TH AVENUE, OAKLAND, CALIFORNIA

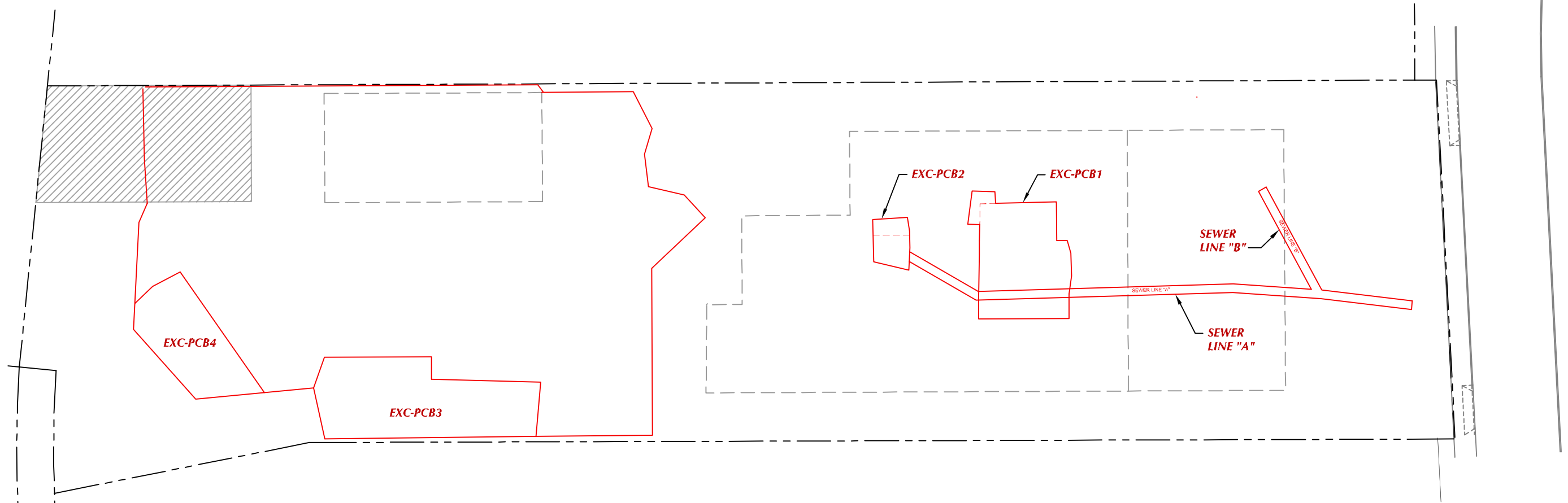
**SITE VICINITY MAP**



FIGURE  
**1**

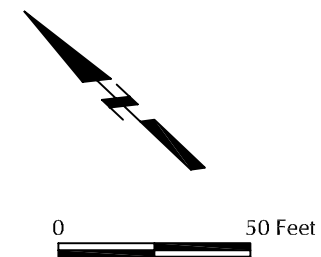


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EXPLANATION:

- Property Line
- Former Warehouse Building
- Area of Excavation
- Reported Area of Excavation of PCB-Affected Soil in 1992



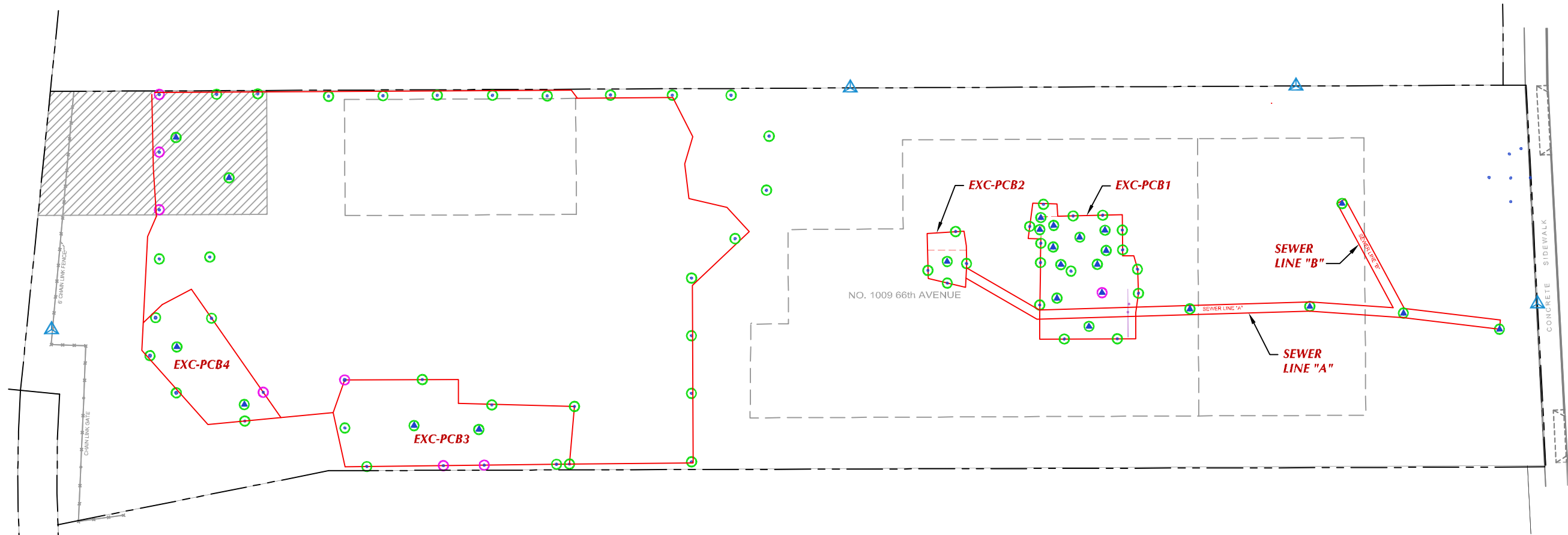
PROPOSED CHARTER SCHOOL SITE  
1009 66TH AVENUE, OAKLAND, CALIFORNIA

SITE PLAN



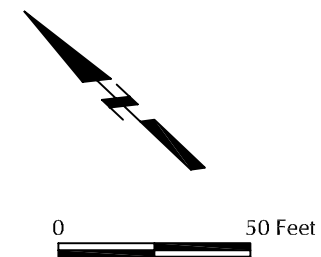
FIGURE  
2





EXPLANATION:

- Property Line
- - - Former Warehouse Building
- Area of Excavation
- Reported Area of Excavation of PCB-Affected Soil in 1992
- ▲ Air Monitoring Station
- Sidewall Confirmation Sample Location and ID
- ▲ Bottom Confirmation Sample Location and ID
- Passed Polychlorinated Biphenyls (PCB) Criteria of 0.130 mg/kg
- Failed PCB Criteria of 0.130 mg/kg



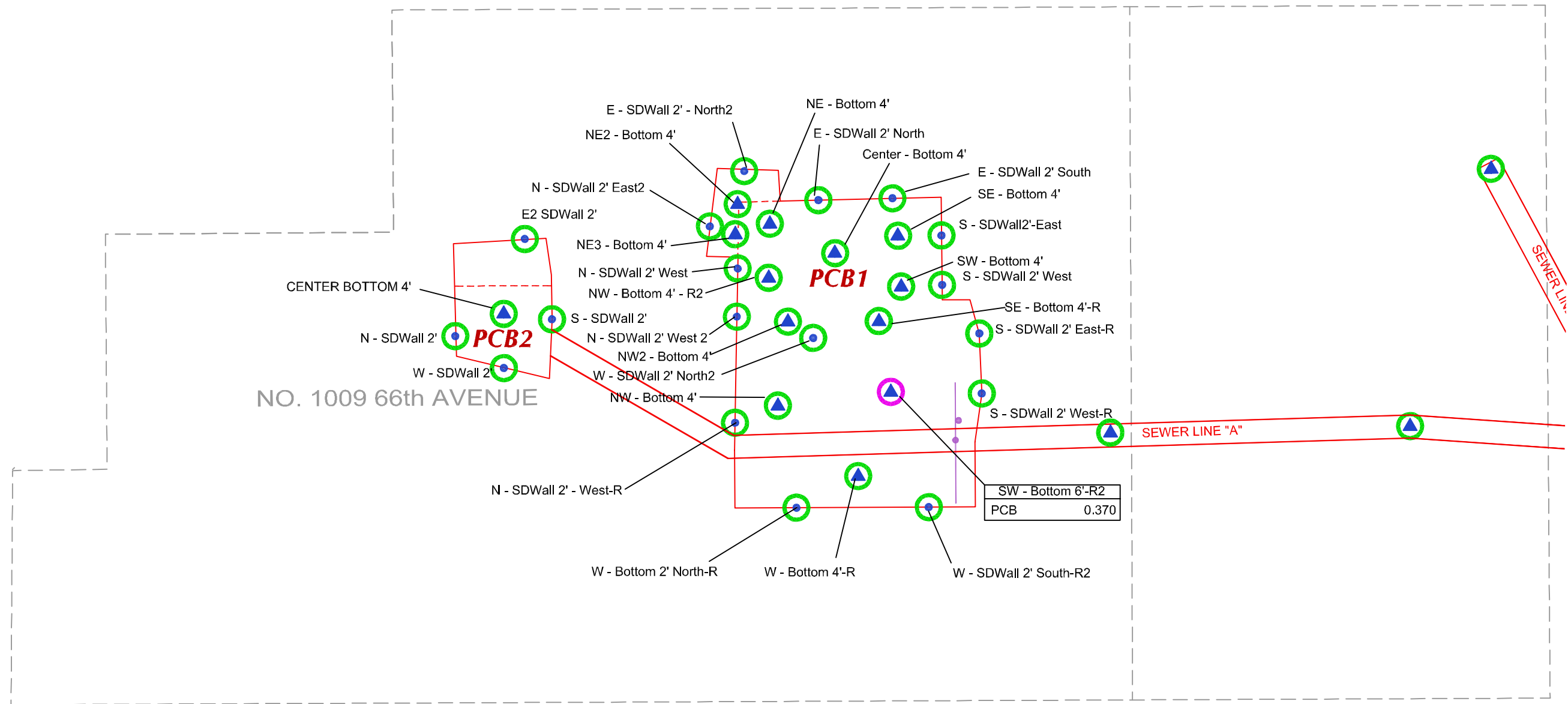
PROPOSED CHARTER SCHOOL SITE  
1009 66TH AVENUE, OAKLAND, CALIFORNIA

**SITE PLAN SHOWING  
EXCAVATION AREAS AND  
CONFIRMATION SAMPLE LOCATIONS**





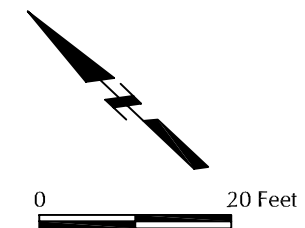
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EXPLANATION:

- Property Line
- Former Warehouse Building
- Excavation
- Air Monitoring Station

- PD1 Post Demolition Surface Soil Sample (7 Locations - 6/2010)
- Sidewall Confirmation Sample Location and ID
- Bottom Confirmation Sample Location and ID
- Passed All Criteria
- Failed Polychlorinated Biphenyls Criteria



PROPOSED CHARTER SCHOOL SITE  
1009 66TH AVENUE, OAKLAND, CALIFORNIA

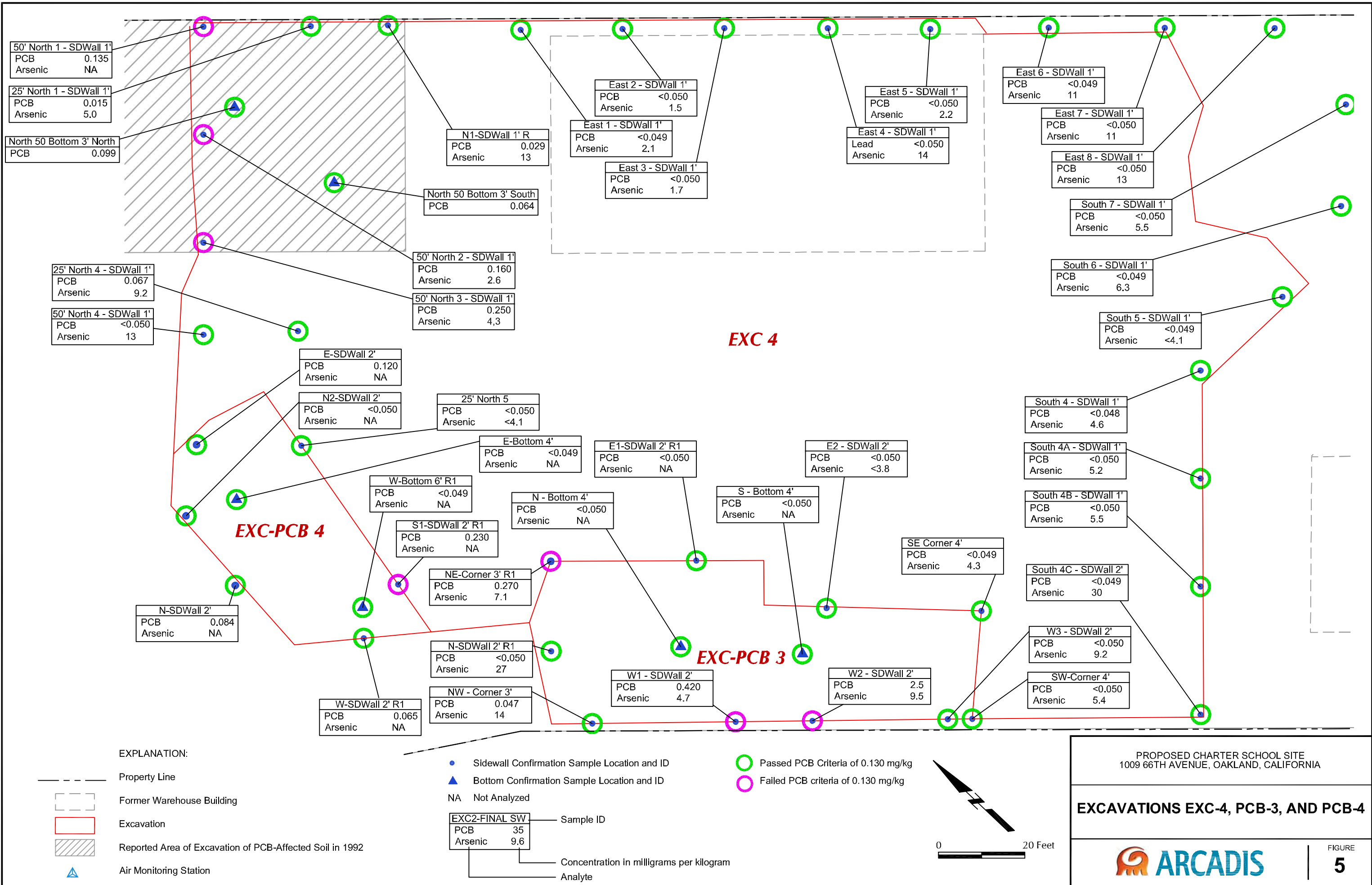
EXCAVATIONS PCB-1 AND PCB-2



FIGURE  
4



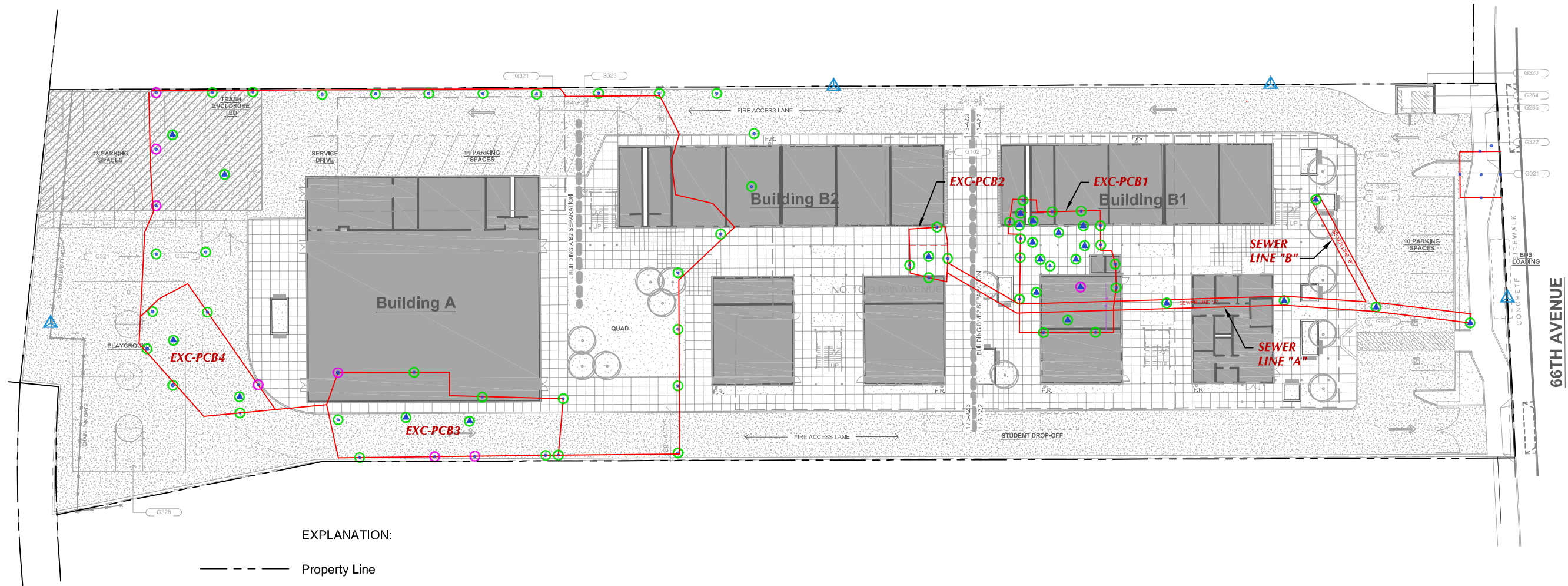
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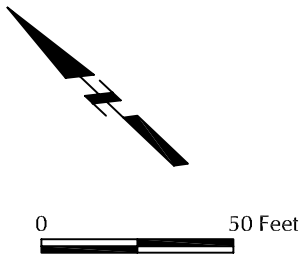






EXPLANATION:

- Property Line
- Former Warehouse Building
- Area of Excavation
- Reported Area of Excavation of PCB-Affected Soil in 1992
- Air Monitoring Station
- Sidewall Confirmation Sample Location and ID
- Bottom Confirmation Sample Location and ID
- Passed Polychlorinated Biphenyls (PCB) Criteria of 0.130 mg/kg
- Failed PCB Criteria of 0.130 mg/kg



PROPOSED CHARTER SCHOOL SITE  
1009 66TH AVENUE, OAKLAND, CALIFORNIA

PROPOSED DEVELOPMENT PLAN WITH  
EXCAVATION AREAS AND  
CONFIRMATION SAMPLE LOCATIONS




FIGURE  
7



## Appendix A

### Human Health Risk Evaluation



<b>1. Introduction</b>	<b>1</b>
<b>2. Cleanup Goal Development</b>	<b>1</b>
<b>3. Comparison of Cleanup Goals to Post-Removal Soil Concentrations</b>	<b>2</b>
<b>4. Health Evaluation of Lead in Soil</b>	<b>4</b>
<b>5. Additional Health Risk Screen</b>	<b>5</b>
<b>6. Conclusions</b>	<b>5</b>
<b>7. References</b>	<b>6</b>

#### **Tables**

- A-1 PCB Data In Place at Aspire School Site
- A-2 Cleanup Goal Screen Results (*embedded in text*)

#### **Attachments**

- 1 ProUCL Outputs
- 2 LeadSpread Output



## **1. Introduction**

In 2006, LFR Inc. (LFR) performed a baseline risk evaluation using the assumptions of residential exposure, as designated in the Preliminary Endangerment Assessment Guidance Manual (Department of Toxic Substances Control [DTSC] 1999). A detailed description of the methods and procedures of this risk evaluation was presented in LFR 2006. The results indicated that chemicals of potential concern (COPCs) were detected at concentrations associated with human health risks above regulatory targets.

The total excess cancer risk posed by the presence of chemicals in soil was calculated to be  $9 \times 10^{-3}$  (LFR 2006). The majority of this total risk is attributable to the presence of arsenic, chromium (VI), benzene, polycyclic aromatic hydrocarbons (PAHs), and polychlorinated biphenyls (PCBs) at the Former Pacific Electric Motors (PEM) Facility located at 1009 66th Avenue in Oakland, California ("the Site").

The total hazard index (HI) was calculated to be 128. The majority of the total non-cancerous hazard is attributable to PCBs.

In 2009 and 2010, extensive soil removal actions were performed at the Site, targeting the COPCs with elevated concentrations. Confirmation sampling was performed throughout the removal activities. A summary of the analytical results for confirmation soil samples analyzed for polychlorinated biphenyls (PCBs) is provided as Table A-1. These data represent the concentrations of PCBs that are present at the Site after the removal action was completed. The health risk evaluation was performed again considering the current post-removal conditions.

The purpose of this human health risk evaluation is to assess whether the residual COPC concentrations in the in-place, post-removal soil have been sufficiently reduced to no longer pose a health risk to the future population.

## **2. Cleanup Goal Development**

Compounds were selected for cleanup goal development if they were identified in the baseline risk assessment as having a greater than one in one million risk or a hazard quotient greater than 1. Based on these criteria, the following chemicals were selected for development of cleanup goals:



• benzene (soil and groundwater)	• benzo(a)pyrene
• benzo(a)anthracene	• benzo(k)fluoranthene
• PCBs	• arsenic
• lead	• naphthalene
• total petroleum hydrocarbons (TPH) as gasoline (TPHg)	• TPH as diesel (TPHd)
• TPH as motor oil (TPHmo)	• chrysene

Risk-based cleanup goals for these COPCs were developed for the Site with an emphasis on health protection by incorporating conservative assumptions in the risk-based calculations. Cleanup goals were calculated by algebraically transforming the standard human health risk assessment equations to solve for a concentration given a target cancer risk of  $1 \times 10^{-6}$  or HI of 1.

As previously discussed, details concerning the cleanup goal development were presented in the Revised Corrective Action Plan (CAP; LFR 2009). Because metals are naturally occurring, background concentrations are selected as the cleanup goal. The cleanup goals were developed for the non-metal COPCs.

The cleanup goals are presented in Table A-2.

### 3. Comparison of Cleanup Goals to Post-Removal Soil Concentrations

The cleanup goal health-based screen was performed as follows. First, exposure point concentrations (EPCs) were developed for each detected COPC in the in-place soils. Per both DTSC and U.S. EPA human health risk assessment guidance (DTSC 1996, U.S. Environmental Protection Agency [U.S. EPA] 1989), 95 percent upper confidence limit (95% UCL) of the mean was used as the EPC.

Ninety-five percent UCLs were calculated using the U.S. EPA software ProUCL version 4.00.05 (U.S. EPA 2010). Per the U.S. EPA authorization (e-mail communication), reporting limits were used as proxy concentrations for non-detections. As recommended in the ProUCL guidance document (U.S. EPA 2010), statistical evaluations were performed for COPCs with a minimum of six detections. Otherwise, the maximum detected concentration was used for the cleanup goal screen. ProUCL calculates the appropriate distribution and the 95% UCL associated with the distribution. If the data do not follow a typical distribution, then a non-parametric method was used in generating the 95% UCL. The ProUCL calculated 95% UCL was



used as the EPC for the cleanup goal human health risk screen. The ProUCL outputs are provided in Attachment 1.

The human health risk screen was performed by comparing the 95% UCL to the risk-based cleanup goals, using the following method:

Comparisons were performed as follows for carcinogenic compounds:

$$\text{RiskEPC} = \frac{\text{EPC}_{\text{soil}} \times \text{TRisk}}{\text{CUG}}$$

Where:

RiskEPC = estimated risk for COPC (target =  $10^{-6}$ )  
 EPC<sub>soil</sub> = exposure point concentration for soil  
 TRisk = target risk used for the CUP calculation ( $10^{-6}$ )  
 CUP = cleanup goal presented for the COPCs in CAP

Comparisons were performed as follows for non-carcinogenic compounds:

$$\text{HazardEPC} = \frac{\text{EPC}_{\text{soil}}}{\text{CUG}}$$

Where:

HazardEPC = estimated risk for Site (target = 1)  
 EPC<sub>soil</sub> = exposure point concentration for soil  
 CUP = cleanup goal presented for the COPCs in CAP

The results of the health screen are presented below.



**Table A-2. Cleanup Goal Screen Results**

COPC	Cleanup Goal	Post-Removal Action 95% UCL Concentration	Estimated Risk Based on Representative Concentration	Estimated Hazard Based on Representative Concentration
TPHg	450	NA	NA	NA
TPHd	450	659	--	1
TPHmo	800	233.5	--	0.3
Benzo(a)pyrene	0.13	NA	NA	NA
Benzo(a)anthracene	1.3	NA	NA	NA
Benzo(k)fluoranthene*	1.3	0.11	8.E-08	--
Chrysene*	21	0.19	9.E-09	--
Naphthalene	2.8	NA	NA	NA
Benzene*	0.27	0.012	4.E-08	0.0
Arsenic	7	8.8	--	1
Lead	80	57	--	0.8
PCBs	0.13	0.27	2.1E-06	2.1
Totals			2.2E-06	4.E+00

**Notes:**

\*Fewer than six detections; maximum concentration used for representative concentration

NA = not applicable, no detections above analytical reporting limits

= not calculated because not a carcinogen

The removal action has successfully reduced the estimated risk from  $9 \times 10^{-3}$  to  $2 \times 10^{-6}$ . However,  $2 \times 10^{-6}$  is above the DTSC risk target of  $1 \times 10^{-6}$ . Additional mitigation will be necessary to reduce the estimated health risk to the future receptors.

#### 4. Health Evaluation of Lead in Soil

The DTSC has developed specific guidance for evaluating exposure and the potential for adverse health effects resulting from exposure to lead in the environment using a model based on absorbed doses and estimated blood-lead concentrations. The guidance is implemented using a spreadsheet obtained from the DTSC, in which a multi-pathway algorithm is used for estimating blood-lead concentrations in children and adults.



Using the representative concentration of lead detected in in-place soil (57 milligrams per kilogram [mg/kg]), the 99th percentile blood-lead level associated with exposure to lead from both the Site and background sources in air and drinking water is 5.8 micrograms per deciliter ( $\mu\text{g/dl}$ ) for children (the most sensitive receptors), a level that is below the former target concentration of 10  $\mu\text{g/dl}$  (DTSC 1992). Therefore, the 99th percentile blood-lead level associated with exposure to lead from both the Site and background sources in air and drinking water is at a level below 10  $\mu\text{g/dl}$  (LFR 2006). Currently, the DTSC expresses that exposures to lead cannot increase blood-lead levels more than 1 above background blood levels. Background blood levels for the Oakland, California area are not currently available. However, using the analytical results for in-place soil samples collected at the Site as input parameters, the ProUCL calculated a representative lead concentration of 57.2 mg/kg for the Site that is below the DTSC lead residential California Human Health Screening Level (CHHSL) of 80 mg/kg. Therefore, exposure to lead in soil is no longer considered a health concern at the Site. The LeadSpread output is included in Attachment 2.

## **5. Additional Health Risk Screen**

An air sparging/soil-vapor extraction (AS/SVE) system is currently operating on site. The vapor intrusion pathway will be evaluated after the AS/SVE remediation and confirmation soil-gas sampling are completed. The human health risk evaluation presented in this report only considers the soil exposure pathway. When the AS/SVE is shut down, a similar approach will be performed to calculate potential health risks associated with the vapor intrusion pathway.

## **6. Conclusions**

The results of the human health risk screen performed considering the post-removal, in-place soils were magnitudes lower than the baseline risk assessment results. The initial human health risk evaluation results were  $9 \times 10^{-3}$  and the current in-place soil risk results are  $2 \times 10^{-6}$ . However,  $2 \times 10^{-6}$  is above the DTSC target risk of  $1 \times 10^{-6}$ . This represents a significant reduction. Therefore, additional risk reduction activities, such as the addition of a cap, should be considered. In addition, the vapor intrusion pathway should be evaluated after the completion of the groundwater remediation program.



## 7. References

Department of Toxic Substances Control (DTSC). 1996. Supplemental Guidance for Human Health Multimedia Risk Assessment for Hazardous Waste Sites and Permitted Facilities. Sacramento, California. 1992, updated 1996.

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Regional Water Quality Control Board (RWQCB). 2008. Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater. May.

United States Environmental Protection Agency (U.S. EPA). 1989. Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual (Part A). EPA/540/1-89-002. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. December.

\_\_\_\_\_. 2010. ProUCL Version 4.00.05. User Guide. EPA/600/R-07/038. U.S. Environmental Protection Agency, Office of Research and Development. April. Available at: <http://www.epa.gov/nerlesd1/tsc/software.htm>.



**Table A-1**  
**PCB Data In Place at Aspire School Site**  
**Oakland, California**

*concentrations in milligrams per kilogram (mg/kg)*

Sample ID	PCBs
EXC-PCB-1 W-SIDEWALL 2' NORTH 2	<0.050
EXC-PCB-1 N-SIDEWALL 2' WEST 2	0.069
EXC-PCB-1 S-SIDEWALL 2' EAST	<0.050
EXC-PCB-1 S-SIDEWALL 2' WEST	<0.050
EXC-PCB-1 N-SIDEWALL 2' WEST	<0.050
EXC-PCB1 N-SDWALL-2'-EAST2	<0.050
EXC-PCB-1 E-SIDEWALL 2' NORTH	<0.050
EXC-PCB-1 E-SIDEWALL 2' SOUTH	<0.050
EXC-PCB1 E-SDWALL-2'-NORTH2	<0.050
EXC-PCB-1 NW2 BOTTOM 4'	<0.050
EXC PCB1-NW-BOTTOM4'-R2	<0.050
EXC-PCB-1 NE BOTTOM 4'	<0.050
EXC-PCB1E-NE2-BOTTOM 4'	<0.050
EXC-PCB1E-NE3-BOTTOM 4'	<0.050
EXC-PCB-1 CENTER BOTTOM 4'	0.074
EXC-PCB-1 SW BOTTOM 4'	0.058
EXC-PCB-1 SE BOTTOM 4'	<0.050
EXC TPH/PCB1-SW-BOTTOM8 <sup>1</sup> -R3	0.370
EXC TPH1PCB1 SE-BOTTOM 4'-R	<0.050
EXC TPH/PCB1 NW-BOTTOM 4'	<0.050
EXC TPH/PCB1W-BOTTOM4'-R	<0.050
EXC TPH1PCB1 S-SDWALL2'-EAST-R	<0.050
EXC TPH1PCB1 N-SDWALL2'-WEST-R	<0.049
EXC TPH1PCB1 S-SDWALL2'-WEST-R	<0.050
EXC TPH1PCB1 W-SDWALL2'-SOUTH-R2	<0.050
EXC TPH1PCB1W-SDWALL2'-NORTH-R	<0.050
EXC-PCB-2 W-SIDEWALL 2'	<0.050
EXC-PCB-2 E2-SIDEWALL 2'	<0.050
EXC-PCB-2 SO-SIDEWALL 2'	<0.050
EXC-PCB-2 N-SIDEWALL 2'	<0.050
EXC-PCB-2 CENTER BOTTOM 4'	<0.050
EXC PCB3 N-BOTTOM4'	<0.050
EXC PCB3 S-BOTTOM4'	<0.050



**Table A-1**  
**PCB Data In Place at Aspire School Site**  
**Oakland, California**

*concentrations in milligrams per kilogram (mg/kg)*

Sample ID	PCBs
EXC PCB3-SE-CORNER4'	<0.049
EXC PCB3-NE-CORNER3'R1	0.270
EXC PCB3-E1-SDWALL2'R1	<0.050
EXC PCB3-E2-SDWALL2'	<0.050
EXC PCB3-NW-Corner 4'	0.047
EXC PCB3-SW-CORNER4'	<0.050
EXC PCB3-W1-SDWALL4'	0.420
EXC PCB3-W2-SDWALL4'	2.500
EXC PCB3-W3-SDWALL2'	<0.050
EXC PCB3-N-SDWALL2'	<0.050
EXC PCB3-N-SDWALL2'R1	<0.050
EXC PCB4-N-SDWALL2'	0.084
EXC-PCB4-N2-SDWALL2'	<0.050
EXC-PCB4-S2-SDWALL2'	0.200
EXC PCB4-W-SDWALL2'R1	0.066
EXC PCB4-E-SDWALL2'	0.120
EXC-PCB4-W-BOTTOM6' R1	<0.049
EXC-PCB4-E-BOTTOM4'	<0.049
EXC4-N1-SDWALL3'-R2	0.029
EXC4-NORTH2-SDWALL1'	0.290
EXC4-NORTH3-SDWALL1'	<0.050
EXC4-NORTH4-SDWALL1'	<0.050
EXC4-NORTH5-SDWALL1'	<0.050
EXC4-NORTH6-SDWALL1'	<0.050
EXC4-25'NORTH1-SDWALL3' R	0.015
EXC4-50'NORTH1-SDWALL3'-R	0.135
EXC4-50'NORTH2-SDWALL3'-R	0.160
EXC4-50'NORTH3-SDWALL3'-R	0.029
EXC4-50'NORTH3-SDWALL1'-R	0.250
EXC4-SOUTH4-SDWALL1'	<0.048
EXC4-SOUTH5-SDWALL1'	<0.049
EXC4-SOUTH6-SDWALL1'	<0.049
EXC4-SOUTH7-SDWALL1'	<0.050
EXC-4-South-4A-SDWALL1'	<0.050
EXC-4-South-4B-SDWALL1'	<0.050
EXC-4-South-4C-SDWALL1'	<0.050
EXC4-EAST1-SDWALL1'	<0.490
EXC4-EAST2--SDWALL1'	<0.050
EXC4-EAST3--SDWALL1'	<0.050
EXC4-EAST4--SDWALL1'	<0.050
PD-1	0.37



**Table A-1**  
**PCB Data In Place at Aspire School Site**  
**Oakland, California**

*concentrations in milligrams per kilogram (mg/kg)*

Sample ID	PCBs
PD-2	0.94
PD-3	0.34
PD-4	0.32
PD-5	0.21
PD-6	0.54
PD-7	0.10
SB4	<0.050
SB3	0.05
3C	<0.050
SB10	<0.050
SB9	<0.050
3A	0.063



**Attachment 1**

ProUCL Outputs



**General UCL Statistics for Full Data Sets**  
**ProUCL version 4.00.05**

PCBs in in-place soils-mg/kg Aspire School site, Oakland, CA

**General Statistics**

Number of Valid Observations	86	Number of Distinct Observations	30
Number of Missing Values	21		

**Raw Statistics**

Minimum	0	Log-transformed Statistics	
Maximum	2.5	0 Log Statistics Not Available	
Mean	0.126		
Median	0.05		
SD	0.297		
Coefficient of Variation	2.364		
Skewness	6.478		

**Relevant UCL Statistics**

Normal Distribution Test		Lognormal Distribution Test	
Lilliefors Test Statistic	0.348	Not Available	
Lilliefors Critical Value	0.0955		
Data not Normal at 5% Significance Level			

**Assuming Normal Distribution**

95% Student's-t UCL	0.179	Assuming Lognormal Distribution	
Assuming Normal Distribution		95% H-UCL	N/A
95% Student's-t UCL	0.179	95% UCLs (Adjusted for Skewness)	
		95% Adjusted-CLT UCL (Chen 1995)	0.202
		95% Modified-t UCL (Johnson-1978)	0.183

**Gamma Distribution Test**

Gamma Statistics Not Available		Data Distribution	
		Data do not follow a Discernible Distribution (0.05)	

95% CLT UCL	0.178
95% Jackknife UCL	0.179
95% Standard Bootstrap UCL	0.179
95% Bootstrap-t UCL	0.244
95% Hall's Bootstrap UCL	0.391
95% Percentile Bootstrap UCL	0.182
95% BCA Bootstrap UCL	0.217
95% Chebyshev(Mean, Sd) UCL	0.265
97.5% Chebyshev(Mean, Sd) UCL	0.326
99% Chebyshev(Mean, Sd) UCL	0.444

**Potential UCL to Use**

Use 95% Chebyshev (Mean, Sd) UCL	0.265
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**General UCL Statistics for Full Data Sets**  
**ProUCL version 4.00.05**

TPHd in Soil mg/kg

**General Statistics**

Number of Valid Observations	45	Number of Distinct Observations	33
Number of Missing Values	14		

**Raw Statistics**

Minimum	0.99	Log-transformed Statistics	
Maximum	3100	Minimum of Log Data	-0.0101
Mean	242.4	Maximum of Log Data	8.039
Median	49	Mean of log Data	3.392
SD	640.9	SD of log Data	2.279
Coefficient of Variation	2.644		
Skewness	4.013		

**Relevant UCL Statistics**

Normal Distribution Test		Lognormal Distribution Test	
Shapiro Wilk Test Statistic	0.403	Shapiro Wilk Test Statistic	0.936
Shapiro Wilk Critical Value	0.945	Shapiro Wilk Critical Value	0.945
Data not Normal at 5% Significance Level		Data not Lognormal at 5% Significance Level	

**Assuming Normal Distribution**

95% Student's-t UCL	403	Assuming Lognormal Distribution	
95% UCLs (Adjusted for Skewness)		95% H-UCL	1631
95% Adjusted-CLT UCL (Chen-1995)	460.7	95% Chebyshev (MVUE) UCL	1067
95% Modified-t UCL (Johnson-1978)	412.5	97.5% Chebyshev (MVUE) UCL	1385
		99% Chebyshev (MVUE) UCL	2009

**Gamma Distribution Test**

k star (bias corrected)	0.318	Data Distribution	
Theta Star	763.3	Data do not follow a Discernible Distribution (0.05)	
MLE of Mean	242.4		
MLE of Standard Deviation	430.2		
nu star	28.58		
Approximate Chi Square Value (.05)	17.38	Nonparametric Statistics	
Adjusted Level of Significance	0.0447	95% CLT UCL	399.6
Adjusted Chi Square Value	17.09	95% Jackknife UCL	403
		95% Standard Bootstrap UCL	397.5
Anderson-Darling Test Statistic	1.853	95% Bootstrap-t UCL	774.3
Anderson-Darling 5% Critical Value	0.856	95% Hall's Bootstrap UCL	1081
Kolmogorov-Smirnov Test Statistic	0.198	95% Percentile Bootstrap UCL	412.7
Kolmogorov-Smirnov 5% Critical Value	0.143	95% BCA Bootstrap UCL	492
Data not Gamma Distributed at 5% Significance Level		95% Chebyshev(Mean, Sd) UCL	658.9
		97.5% Chebyshev(Mean, Sd) UCL	839.1
Assuming Gamma Distribution		99% Chebyshev(Mean, Sd) UCL	1193
95% Approximate Gamma UCL	398.7		
95% Adjusted Gamma UCL	405.4		

**Potential UCL to Use**

<b>Use 95% Chebyshev (Mean, Sd) UCL</b>	<b>658.9</b>
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# TPHmo in Soil mg/kg

## General Statistics

Number of Valid Observations	34	Number of Distinct Observations	19
Number of Missing Values	25		

## Raw Statistics

Minimum	0.99	Log-transformed Statistics	
Maximum	780	Minimum of Log Data	-0.0101
Mean	110	Maximum of Log Data	6.659
Median	50	Mean of log Data	3.995
SD	165.2	SD of log Data	1.335
Coefficient of Variation	1.502		
Skewness	3.008		

## Relevant UCL Statistics

Normal Distribution Test		Lognormal Distribution Test	
Shapiro Wilk Test Statistic	0.548	Shapiro Wilk Test Statistic	0.788
Shapiro Wilk Critical Value	0.933	Shapiro Wilk Critical Value	0.933
Data not Normal at 5% Significance Level		Data not Lognormal at 5% Significance Level	

## Assuming Normal Distribution

95% Student's-t UCL	157.9	Assuming Lognormal Distribution	
95% UCLs (Adjusted for Skewness)		95% H-UCL	258.7
95% Adjusted-CLT UCL (Chen-1995)	172.2	95% Chebyshev (MVUE) UCL	282.8
95% Modified-t UCL (Johnson-1978)	160.4	97.5% Chebyshev (MVUE) UCL	350.5
		99% Chebyshev (MVUE) UCL	483.4

## Gamma Distribution Test

k star (bias corrected)	0.782	Data Distribution	
Theta Star	140.6	Data do not follow a Discernable Distribution (0.05)	
MLE of Mean	110		
MLE of Standard Deviation	124.3		
nu star	53.19		
Approximate Chi Square Value (.05)	37.43	Nonparametric Statistics	
Adjusted Level of Significance	0.0422	95% CLT UCL	156.6
Adjusted Chi Square Value	36.78	95% Jackknife UCL	157.9
		95% Standard Bootstrap UCL	156.3
Anderson-Darling Test Statistic	3.361	95% Bootstrap-t UCL	197
Anderson-Darling 5% Critical Value	0.784	95% Hall's Bootstrap UCL	242.7
Kolmogorov-Smirnov Test Statistic	0.305	95% Percentile Bootstrap UCL	159.7
Kolmogorov-Smirnov 5% Critical Value	0.156	95% BCA Bootstrap UCL	171.9
Data not Gamma Distributed at 5% Significance Level		95% Chebyshev(Mean, Sd) UCL	233.5
		97.5% Chebyshev(Mean, Sd) UCL	286.9
Assuming Gamma Distribution		99% Chebyshev(Mean, Sd) UCL	391.9
95% Approximate Gamma UCL	156.3		
95% Adjusted Gamma UCL	159		

## Potential UCL to Use

Use 95% Chebyshev (Mean, Sd) UCL 233.5



# Arsenic in soil, mg/kg

## General Statistics

Number of Valid Observations	38	Number of Distinct Observations	29
Number of Missing Values	12		

## Raw Statistics

Minimum	1.5	Minimum of Log Data	0.405
Maximum	30	Maximum of Log Data	3.401
Mean	7.345	Mean of log Data	1.796
Median	5.5	SD of log Data	0.64
SD	5.176		
Coefficient of Variation	0.705		
Skewness	2.403		

## Log-transformed Statistics

## Relevant UCL Statistics

Normal Distribution Test		Lognormal Distribution Test	
Shapiro Wilk Test Statistic	0.798	Shapiro Wilk Test Statistic	0.976
Shapiro Wilk Critical Value	0.938	Shapiro Wilk Critical Value	0.938
Data not Normal at 5% Significance Level		Data appear Lognormal at 5% Significance Level	

## Assuming Normal Distribution

95% Student's-t UCL	8.761	95% H-UCL	9.159
95% UCLs (Adjusted for Skewness)		95% Chebyshev (MVUE) UCL	10.93
95% Adjusted-CLT UCL (Chen-1995)	9.076	97.5% Chebyshev (MVUE) UCL	12.47
95% Modified-t UCL (Johnson-1978)	8.816	99% Chebyshev (MVUE) UCL	15.51

## Assuming Lognormal Distribution

## Gamma Distribution Test

k star (bias corrected)	2.492	Data Distribution	
Theta Star	2.948	Data appear Gamma Distributed at 5% Significance Level	
MLE of Mean	7.345		
MLE of Standard Deviation	4.653		
nu star	189.4		
Approximate Chi Square Value (.05)	158.5	Nonparametric Statistics	
Adjusted Level of Significance	0.0434	95% CLT UCL	8.726
Adjusted Chi Square Value	157.4	95% Jackknife UCL	8.761
		95% Standard Bootstrap UCL	8.714
Anderson-Darling Test Statistic	0.452	95% Bootstrap-t UCL	9.216
Anderson-Darling 5% Critical Value	0.756	95% Hall's Bootstrap UCL	10.09
Kolmogorov-Smirnov Test Statistic	0.122	95% Percentile Bootstrap UCL	8.837
Kolmogorov-Smirnov 5% Critical Value	0.144	95% BCA Bootstrap UCL	9.168
Data appear Gamma Distributed at 5% Significance Level		95% Chebyshev(Mean, Sd) UCL	11
		97.5% Chebyshev(Mean, Sd) UCL	12.59
Assuming Gamma Distribution		99% Chebyshev(Mean, Sd) UCL	15.7
95% Approximate Gamma UCL	8.773		
95% Adjusted Gamma UCL	8.838		

## Potential UCL to Use

Use 95% Approximate Gamma UCL	8.773
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## Lead in Soil mg/kg

### General Statistics

Number of Valid Observations	61	Number of Distinct Observations	47
Number of Missing Values	10		

### Raw Statistics

Minimum	0.25	Log-transformed Statistics	
Maximum	360	Minimum of Log Data	-1.386
Mean	44.78	Maximum of Log Data	5.886
Median	29	Mean of log Data	3.132
SD	64.51	SD of log Data	1.242
Coefficient of Variation	1.441		
Skewness	3.598		

### Relevant UCL Statistics

Normal Distribution Test		Lognormal Distribution Test	
Lilliefors Test Statistic	0.247	Lilliefors Test Statistic	0.1
Lilliefors Critical Value	0.113	Lilliefors Critical Value	0.113
Data not Normal at 5% Significance Level		Data appear Lognormal at 5% Significance Level	

### Assuming Normal Distribution

95% Student's-t UCL	58.58	Assuming Lognormal Distribution	
95% UCLs (Adjusted for Skewness)		95% H-UCL	71.36
95% Adjusted-CLT UCL (Chen-1995)	62.43	95% Chebyshev (MVUE) UCL	90.86
95% Modified-t UCL (Johnson-1978)	59.21	97.5% Chebyshev (MVUE) UCL	109.2
		99% Chebyshev (MVUE) UCL	145.2

### Gamma Distribution Test

k star (bias corrected)	0.843	Data Distribution	
Theta Star	53.09	Data Follow Appr. Gamma Distribution at 5% Significance Level	
MLE of Mean	44.78		
MLE of Standard Deviation	48.76		
nu star	102.9		
Approximate Chi Square Value (.05)	80.49	Nonparametric Statistics	
Adjusted Level of Significance	0.0461	95% CLT UCL	58.37
Adjusted Chi Square Value	80.01	95% Jackknife UCL	58.58
		95% Standard Bootstrap UCL	58.38
Anderson-Darling Test Statistic	1.151	95% Bootstrap-t UCL	66.53
Anderson-Darling 5% Critical Value	0.786	95% Hall's Bootstrap UCL	123.4
Kolmogorov-Smirnov Test Statistic	0.113	95% Percentile Bootstrap UCL	59.9
Kolmogorov-Smirnov 5% Critical Value	0.118	95% BCA Bootstrap UCL	63.11
Data follow Appr. Gamma Distribution at 5% Significance		95% Chebyshev(Mean, Sd) UCL	80.78
		97.5% Chebyshev(Mean, Sd) UCL	96.36
Assuming Gamma Distribution		99% Chebyshev(Mean, Sd) UCL	127
95% Approximate Gamma UCL	57.24		
95% Adjusted Gamma UCL	57.59		

### Potential UCL to Use

Use 95% Approximate Gamma UCL	57.24
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**Attachment 2**

LeadSpread Output



# LEAD RISK ASSESSMENT SPREADSHEET

## CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL

USER'S GUIDE to version 7

INPUT	
MEDIUM	LEVEL
Lead in Air (ug/m <sup>3</sup> )	0.028
Lead in Soil/Dust (ug/g)	57.2
Lead in Water (ug/l)	15
% Home-grown Produce	0%
Respirable Dust (ug/m <sup>3</sup> )	1.5

OUTPUT							
	Percentile Estimate of Blood Pb (ug/dl)					PRG-99	PRG-95
	50th	90th	95th	98th	99th	(ug/g)	(ug/g)
BLOOD Pb, ADULT	1.2	2.1	2.5	3.1	3.5	2446	3808
BLOOD Pb, CHILD	1.9	3.5	4.2	5.1	5.8	255	435
BLOOD Pb, PICA CHILD	2.3	4.3	5.1	6.2	7.0	128	219
BLOOD Pb, OCCUPATIONA	1.1	2.1	2.5	3.0	3.4	3475	5464

EXPOSURE PARAMETERS			
	units	adults	children
Days per week	days/wk	7	
Days per week, occupational		5	
Geometric Standard Deviation		1.6	
Blood lead level of concern (ug/dl)		10	
Skin area, residential	cm <sup>2</sup>	5700	2900
Skin area occupational	cm <sup>2</sup>	2900	
Soil adherence	ug/cm <sup>2</sup>	70	200
Dermal uptake constant	(ug/dl)/(ug/d)	0.0001	
Soil ingestion	mg/day	50	100
Soil ingestion, pica	mg/day		200
Ingestion constant	(ug/dl)/(ug/d)	0.04	0.16
Bioavailability	unitless	0.44	
Breathing rate	m <sup>3</sup> /day	20	6.8
Inhalation constant	(ug/dl)/(ug/d)	0.08	0.19
Water ingestion	l/day	1.4	0.4
Food ingestion	kg/day	1.9	1.1
Lead in market basket	ug/kg	3.1	
Lead in home-grown produce	ug/kg	25.8	

[Click here for REFERENCES](#)

PATHWAYS						
ADULTS	Residential-			Occupational		
	Pathway contribution			Pathway contribution		
	PEF	ug/dl	percent	PEF	ug/dl	percent
Soil Contact	3.8E-5	0.00	0%	1.4E-5	0.00	0%
Soil Ingestion	8.8E-4	0.05	4%	6.3E-4	0.04	3%
Inhalation, bkgrnd		0.05	4%		0.03	3%
Inhalation	2.5E-6	0.00	0%	1.8E-6	0.00	0%
Water Ingestion		0.84	72%		0.84	73%
Food Ingestion, bkgrnd		0.23	20%		0.23	20%
Food Ingestion	3.4E-7	0.00	0%			0%
CHILDREN	typical			with pica		
	Pathway contribution			Pathway contribution		
	PEF	ug/dl	percent	PEF	ug/dl	percent
Soil Contact	5.6E-5	0.00	0%		0.00	0%
Soil Ingestion	7.0E-3	0.40	21%	1.4E-2	0.81	34%
Inhalation	2.0E-6	0.00	0%		0.00	0%
Inhalation, bkgrnd		0.04	2%		0.04	2%
Water Ingestion		0.96	49%		0.96	41%
Food Ingestion, bkgrnd		0.54	28%		0.54	23%
Food Ingestion	7.9E-7	0.00	0%		0.00	0%



## Appendix B

Hazardous Waste Manifests and  
Weight Summary Reports from  
Waste Management and  
Republic Services





Date	Manifest	Profile	REV: Solid Weight	REV: Liq Weight	REV: Tot Weight	Net Weight	Site Name
11/19/2009	✓006299826JJK	CA578935	75280	31960	43320	21.66	ASPIRE PUBLIC SCHOOLS
	✓006299827JJK	CA578935	77360	32040	45320	22.66	ASPIRE PUBLIC SCHOOLS
	✓006299829JJK	CA578935	80360	30600	49760	24.88	ASPIRE PUBLIC SCHOOLS
	✓006299830JJK	CA578935	91200	32020	59180	29.59	ASPIRE PUBLIC SCHOOLS
	✓006299831JJK	CA578935	76560	29540	47020	23.51	ASPIRE PUBLIC SCHOOLS
	✓006299832JJK	CA578935	80580	32600	47980	23.99	ASPIRE PUBLIC SCHOOLS
TOTAL					292580	146.29	
COUNT		6					
11/20/2009	✓006299828JJK	CA578935	81700	30160	51540	25.77	ASPIRE PUBLIC SCHOOLS
	✓006299833JJK	CA578935	64220	34060	30160	15.08	ASPIRE PUBLIC SCHOOLS
	✓006299834JJK	CA578935	71340	33660	37680	18.84	ASPIRE PUBLIC SCHOOLS
TOTAL					119380	59.69	
COUNT		3					
12/10/2009	✓006299813JJK	CA578935	80200	34840	45360	22.68	ASPIRE PUBLIC SCHOOLS
	✓006299814JJK	CA578935	79820	32540	47280	23.64	ASPIRE PUBLIC SCHOOLS
	✓006299815JJK	CA578935	78960	30560	48400	24.2	ASPIRE PUBLIC SCHOOLS
	✓006299816JJK	CA578935	91000	32380	58620	29.31	ASPIRE PUBLIC SCHOOLS
	✓006299817JJK	CA578935	77000	32620	44380	22.19	ASPIRE PUBLIC SCHOOLS
TOTAL					244040	122.02	
COUNT		5					
12/11/2009	✓006299812JJK	CA578935	84060	30800	53260	26.63	ASPIRE PUBLIC SCHOOLS
TOTAL					53260	26.63	
COUNT		1					
12/29/2009	✓005417898JJK	CA578935	74300	32100	42200	21.1	ASPIRE PUBLIC SCHOOLS
	✓005417899JJK	CA578935	79340	30560	48780	24.39	ASPIRE PUBLIC SCHOOLS
	✓005417900JJK	CA578935	77360	31480	45880	22.94	ASPIRE PUBLIC SCHOOLS
	✓005417901JJK	CA578935	80280	34140	46140	23.07	ASPIRE PUBLIC SCHOOLS
	✓005417927JJK	CA578935	85520	34520	51000	25.5	ASPIRE PUBLIC SCHOOLS
	✓005417928JJK	CA578935	84100	33060	51040	25.52	ASPIRE PUBLIC SCHOOLS
	✓005417929JJK	CA578935	81640	32220	49420	24.71	ASPIRE PUBLIC SCHOOLS
	✓005417930JJK	CA578935	89760	32460	57300	28.65	ASPIRE PUBLIC SCHOOLS
	✓005417931JJK	CA578935	79700	31000	48700	24.35	ASPIRE PUBLIC SCHOOLS



Arr.Date	Manifest	Profile	RCV Gross Weight	RCV Tare Weight	RCV Net Weight	Net Tons	Gen. Name
	✓005417932JJK	CA578935	80220	30700	49520	24.76	ASPIRE PUBLIC SCHOOLS
	✓005417933JJK	CA578935	76420	32180	44240	22.12	ASPIRE PUBLIC SCHOOLS
TOTAL					534220	267.11	
COUNT		11					
12/30/2009	✓005417902JJK	CA578935	80340	27580	52760	26.38	ASPIRE PUBLIC SCHOOLS
	✓005417904JJK	CA578935	80240	30720	49520	24.76	ASPIRE PUBLIC SCHOOLS
	✓005417905JJK	CA578935	76440	30860	45580	22.79	ASPIRE PUBLIC SCHOOLS
	✓005417916JJK	CA578935	82880	34040	48840	24.42	ASPIRE PUBLIC SCHOOLS
#####	25:48:00						
							PAGE 2
12/30/2009	✓005417917JJK	CA578935	83660	34520	49140	24.57	ASPIRE PUBLIC SCHOOLS
	✓005417918JJK	CA578935	84260	33180	51080	25.54	ASPIRE PUBLIC SCHOOLS
	✓005417919JJK	CA578935	78020	31420	46600	23.3	ASPIRE PUBLIC SCHOOLS
	✓005417920JJK	CA578935	88000	32500	55500	27.75	ASPIRE PUBLIC SCHOOLS
	✓005417921JJK	CA578935	88380	32300	56080	28.04	ASPIRE PUBLIC SCHOOLS
	✓005417922JJK	CA578935	79040	31780	47260	23.63	ASPIRE PUBLIC SCHOOLS
	✓005417923JJK	CA578935	79840	30580	49260	24.63	ASPIRE PUBLIC SCHOOLS
	✓005417924JJK	CA578935	80660	30040	50620	25.31	ASPIRE PUBLIC SCHOOLS
	✓005417925JJK	CA578935	78840	32220	46620	23.31	ASPIRE PUBLIC SCHOOLS
	✓005417926JJK	CA578935	78260	32980	45280	22.64	ASPIRE PUBLIC SCHOOLS
TOTAL					694140	347.07	
COUNT		14					
Total	Documents:						
TOTAL					1937620	968.81	
COUNT		40					
*** END OF REPO RT ***							



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CAC 00264775 <sup>778</sup> JL	2. Page 1 of 1	3. Emergency Response Phone (415) 552-1818	4. Manifest Tracking Number 006299826 JJK	
5. Generator's Name and Mailing Address Aspire Public Schools 1001 22nd Avenue, Suite 100 Oakland, CA 94606 Generator's Phone: 510-434-5100			Generator's Site Address (if different than mailing address) 1009 66th Avenue Oakland CA			
6. Transporter 1 Company Name 18 TRUCKING			U.S. EPA ID Number KCAR 000 143875			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Kettleman Hills (waste management) 35251 Old Skyline Road Kettleman City, CA 93239 (559) 386-6200 Facility's Phone:			U.S. EPA ID Number CAT 000 646117			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes
+	1. <del>Re Environmentally Hazardous Substance, Solid, NA 27</del> (Polychlorinated Biphenyls) (Solid, NA 27) (Polychlorinated Biphenyls) (Solid, NA 27)					261
X	2. Re Environmentally Hazardous Substance, Solid, NA 27, III (Polychlorinated biphenyls), 9, NA 2077, III	001 DT		18	Y	261
	3.					
	4.					
14. Special Handling Instructions and Additional Information wm Profile: CA 578935 19650 kgs. OSD: 11/18/09 9E24024						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offoror's Printed/Typed Name Ann V. BAUER		Signature Ann V. Bauer		Month Day Year 11/18/09		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name SERGIO E GARCIA		Signature Sergio E. Garcia		Month Day Year 11/18/09		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	2. H132	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name Ginger Adams		Signature Ginger Adams		Month Day Year 11/18/09		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC00264778</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(415) 552-1818</b>	4. Manifest Tracking Number <b>006299827 JJK</b>		
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606</b>			Generator's Site Address (if different than mailing address) <b>1009 46th Avenue Oakland CA</b>				
Generator's Phone: <b>(510) 434-5100</b>							
6. Transporter 1 Company Name <b>TRUCKING</b>			U.S. EPA ID Number <b>CAR000143875</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Kettilman Hills (Waste Management) 35251 Old Skyline Road Kettiman City CA, 93239</b>			U.S. EPA ID Number <b>CAT008046117</b> <b>CAT000646117</b>				
Facility's Phone: <b>(559) 386-6200</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. <del>RD, Environmentally Hazardous Substances Solid, N.O.S.</del> <del>(Polychlorinated Biphenyls) (Soil Impacted with PCB)</del>	322				261
	X	2. <del>RQ, Environmentally hazardous substance, Solid, N.O.S. (Polychlorinated biphenyls), 9, UN3077, III</del>	001	DT 018	Y		261
		3.					
		4.					
14. Special Handling Instructions and Additional Information <b>WM Profile: CA 578935      20557 vss.      OSD: 11/18/09</b> <b>VP37561      TRK # 204</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name      Signature      Month      Day      Year <b>Ann V. Bauer      Ann V. Bauer      11/18/09</b>							
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit:      Date leaving U.S.:						
	17. Transporter Acknowledgment of Receipt of Materials						
TRANSPORTER	Transporter 1 Printed/Typed Name      Signature      Month      Day      Year <b>ROBIN FABRY      Robin Fabry      11/19/09</b>						
	Transporter 2 Printed/Typed Name      Signature      Month      Day      Year						
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	18b. Alternate Facility (or Generator)      U.S. EPA ID Number						
	Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)      Month      Day      Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>~</b>		2. <b>H132</b>		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name      Signature      Month      Day      Year <b>Ramona Ramos      RP      11/19/09</b>							



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC00264778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>415-552-1818</b>		4. Manifest Tracking Number <b>006299828 JJK</b>	
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Avenue, Suite 100 Oakland, CA. 94606</b>					Generator's Site Address (if different than mailing address) <b>1009 66th Avenue Oakland, CA</b>			
Generator's Phone: <b>(510) 434-5100</b>								
6. Transporter 1 Company Name <b>18 TRK</b>					U.S. EPA ID Number <b>CAR000143875</b>			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Kettlemantills (waste management) 35251 Old Skyline Road Kettlemantills City, CA. 93239</b>					U.S. EPA ID Number <b>CAT000646117</b>			
Facility's Phone: <b>(559) 306-6200</b>								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.
					No.	Type		
		1. <del>Re. Environmentally hazardous substances, solid, n.o.s.</del>						
		<del>Polychlorinated Biphenyls (soil impacted ILB/PCB)</del>						
		2. <del>Re. Environmentally hazardous substances, solid, n.o.s., Polychlorinated biphenyls, 9, NA 3072, III</del>			001	PT	012	Y
14. Special Handling Instructions and Additional Information <b>WM Profile: CA 578935 O/S Date 11-18-09 23379 kgs. 9206993</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name <b>Ann V. BAUER</b>								
Signature <b>Ann V. Bauer</b>								
Month Day Year <b>11/18/09</b>								
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
	Transporter signature (for exports only): _____							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name <b>Gustav Sanchez</b>							
Signature <b>Gustav Sanchez</b>								
Month Day Year <b>11/20/09</b>								
Transporter 2 Printed/Typed Name								
Signature								
Month Day Year								
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____							
	Facility's Phone: _____							
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H132</b>			2. <b>H132</b>			3. _____		
4. _____			5. _____			6. _____		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Ginger Adams</b>								
Signature <b>Ginger Adams</b>								
Month Day Year <b>11/20/09</b>								



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC00264778<sup>778</sup></b>		2. Page 1 of 1		3. Emergency Response Phone <b>415-552-1818</b>		4. Manifest Tracking Number <b>006299829 JJK</b>		
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave. Suite 100 Oakland, CA. 94606</b>						Generator's Site Address (if different than mailing address) <b>1009 46th Avenue Oakland, CA.</b>				
Generator's Phone: <b>(510) 434-5100</b>										
6. Transporter 1 Company Name <b>18 TRK</b>						U.S. EPA ID Number <b>CAR000143875</b>				
7. Transporter 2 Company Name						U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Kettelman Hills (Waste Management) 35251 Old Skyline Road Kettelman City, CA. 93239</b>						U.S. EPA ID Number <b>CAT008646117</b> <b>CAT000646117</b>				
Facility's Phone: <b>(559) 306-6200</b>										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
						No.	Type			
		<del>1. RO ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID N.O.D.</del>								
		<del>(Polychlorinated Biphenyls) (Solid Impacted with PCBs)</del>								
		<del>2. RO ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.D. (Polychlorinated Biphenyls), 9, NA 3077, 111</del>				001	DT	18	Y	261
14. Special Handling Instructions and Additional Information <b>WM Profile: CA 578935      22571 kgs.      OSD: 11/18/09</b>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offor's Printed/Typed Name <b>Ann R. BAUER</b>						Signature <b>Ann R. Bauer</b>		Month Day Year <b>11/18/09</b>		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name <b>Edgar Amara</b>						Signature <b>Edgar Amara</b>		Month Day Year <b>11/19/09</b>	
	Transporter 2 Printed/Typed Name						Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	Manifest Reference Number:									
	18b. Alternate Facility (or Generator) U.S. EPA ID Number									
	Facility's Phone:									
	18c. Signature of Alternate Facility (or Generator)						Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>H132</b>		2.		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name <b>Ginger Adams</b>						Signature <b>Ginger Adams</b>		Month Day Year <b>11/19/09</b>		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC00264778 778</b>	2. Page 1 of 1	3. Emergency Response Phone <b>415-532-1818</b>	4. Manifest Tracking Number <b>006299830 JJK</b>	
5. Generator's Name and Mailing Address <b>Aspine Public Schools 1001 22nd Ave. Suite 100 Oakland, CA 94606</b>			Generator's Site Address (if different than mailing address) <b>1009 66th Ave Oakland, CA</b>			
Generator's Phone: <b>510-434-5100</b>						
6. Transporter 1 Company Name <b>ROAD RUNNER TRUCK LINES</b>			U.S. EPA ID Number <b>CA000184531</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Kettelman Hills (Waste Management) 35251 Old Skyline Road Kettelman City, CA 93239</b>			U.S. EPA ID Number <b>CA000646117</b>			
Facility's Phone: <b>(559) 386-6200</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
+	<del>Polychlorinated Biphenyls (Semi-liquid)</del> <del>Polychlorinated Biphenyls (Solid)</del>	1		012	Y	261
X	2. <del>RO, Environmentally hazardous substances, solid, n.o.s.</del> <del>Polychlorinated Biphenyls (Semi-liquid)</del> <del>Polychlorinated Biphenyls (Solid)</del> <b>NA 3077, III</b>	1 DT		012	Y	261
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>WM Profile: CA 570935</b> <b>ILUP 69229</b> <b>26844 Kgs</b> <b>OSD: 11/18/09</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Ann V. BAUER</b>			Signature <b>Ann Bauer</b>		Month Day Year <b>11/18/09</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Hardeep Gosal</b>			Signature <b>HR</b>		Month Day Year <b>11/19/09</b>	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2. <b>H132</b>		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Janice Varela</b>			Signature <b>Janice Varela</b>		Month Day Year <b>11/19/09</b>	



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC 00264778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>415-552-1812</b>		4. Manifest Tracking Number <b>006299831 JJK</b>		
		5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA. 94606</b>		Generator's Site Address (if different than mailing address) <b>1009 46th Ave. Oakland, CA.</b>					
6. Transporter 1 Company Name <b>SAS TRUCKING</b>		U.S. EPA ID Number <b>CAL000190572</b>							
7. Transporter 2 Company Name		U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Ketheman Hills Waste Management 35251 Oldskylone Road Ketheman City, CA. 93229</b>		U.S. EPA ID Number <b>CAT00804647</b> <b>CAT000646117</b>							
Facility's Phone: <b>(559) 386-6200</b>									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. <del>RD Environmentally Hazardous Substance, solid, N.O.</del> <del>(polychlorinated biphenyls) (solid impacted with</del> <del>&gt; 2 LB PCB)</del>			1				261
		2. <del>RD Environmentally hazardous substance,</del> <del>solid, N.O., (polychlorinated biphenyls), 9,</del> <del>NA 3077, 111</del>			1 DT 018				261
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>WMP#file: CA 578935</b> <b>21329 Kgs.</b> <b>9D90756 OSD: 11/19/09</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name <b>Ann V. Bauer</b>				Signature <b>Ann V. Bauer</b>		Month Day Year <b>11 18 09</b>			
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	Transporter signature (for exports only): _____								
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name <b>Gordon Brown</b>				Signature <b>[Signature]</b>		Month Day Year <b>11 19 09</b>		
Transporter 2 Printed/Typed Name				Signature		Month Day Year			
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number: _____								
	18b. Alternate Facility (or Generator)					U.S. EPA ID Number			
	Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator)					Month Day Year				
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H130</b>		2. <b>H132</b>		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Janice Varela</b>				Signature <b>Janice Varela</b>		Month Day Year <b>11 19 09</b>			



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC 00264778 778</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>415-552-1818</b>	4. Manifest Tracking Number <b>006299832 JJK</b>		
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave Oakland, CA 94606</b>			Generator's Site Address (if different than mailing address) <b>1009 66th Ave Oakland, CA.</b>				
6. Transporter 1 Company Name <b>Coyote Trucking</b>			9D38929		U.S. EPA ID Number <b>CAR 000180620</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Kettelman Hills (Waste Management) 35251 Old Skyline Road Kettelman City, CA. 93239</b>			U.S. EPA ID Number <b>CAT000646117 CAT008646417</b>				
Facility's Phone: <b>(559) 386-6200</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
		<del>1. RD, Environmentally Hazardous Substance, Solid, N.O.</del> <del>(polychlorinated biphenyls) (solid impacted with PCB)</del>					<del>261</del>
	X	2. RD, Environmentally hazardous substance, solid, N.O., (polychlorinated biphenyls), 91, NA 3022, III	1	DT 018	Y		261
		3.					
		4.					
14. Special Handling Instructions and Additional Information  <b>WM Profile: CA 578935</b> <b>9D38929</b> <b>21763 K8</b> <b>OSD: 11/10/09</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Ann V. Bauer</b>				Signature <b>Ann V. Bauer</b>		Month Day Year <b>11 18 09</b>	
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	Transporter signature (for exports only): _____						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>EDMOND ST LAURENT</b>				Signature <b>[Signature]</b>		Month Day Year <b>11 19 09</b>
	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number: _____						
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator)				Month Day Year		
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1. <b>H130</b>	2. <b>H132</b>	3.	4.			
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
	Printed/Typed Name <b>Emilee Varela</b>				Signature <b>Emilee Varela</b>		Month Day Year <b>11 19 09</b>



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC00244778</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>415-552-1818</b>	4. Manifest Tracking Number <b>006299833 JJK</b>	
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Avenue Oakland CA 94606</b>			Generator's Site Address (if different than mailing address) <b>1009 66th Avenue Oakland CA</b>			
Generator's Phone: <b>(510) 434-5100</b>						
6. Transporter 1 Company Name <b>18 Trucking</b>			U.S. EPA ID Number <b>YCA R000143875</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Kettelman Hills (Waste Management) 35251 Old Skyline Road Kettelman City, CA 94539</b>			U.S. EPA ID Number <b>CAT000646117</b>			
Facility's Phone: <b>(559) 386-6200</b>						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity
		1. <del>Environmentally hazardous substance, solid, n.o.s. (polychlorinated biphenyls) (solid impregnated with PCB)</del>		BRL		
		2. <del>Environmentally hazardous substance, solid, n.o.s. (polychlorinated biphenyls)</del>		001 DT 012		Y
		3.				
		4.				
14. Special Handling Instructions and Additional Information <b>WM Profile: CA578935      01S 11-18-09      13680 kgs. 9E 24034</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offert's Printed/Typed Name: <b>Ann V Bauer</b> Signature: <b>Ann V Bauer</b> Month: <b>11</b> Day: <b>18</b> Year: <b>09</b>						
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: _____ Transporter signature (for exports only): _____      Date leaving U.S.: _____					
	17. Transporter Acknowledgment of Receipt of Materials					
TRANSPORTER	Transporter 1 Printed/Typed Name <b>SERGIO F GARCIA</b>		Signature <b>Sergio F Garcia</b>		Month: <b>11</b> Day: <b>20</b> Year: <b>09</b>	
	Transporter 2 Printed/Typed Name		Signature		Month:      Day:      Year:	
DESIGNATED FACILITY	18. Discrepancy					
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
	Manifest Reference Number: _____					
	18b. Alternate Facility (or Generator)      U.S. EPA ID Number: _____					
	Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator)      Month:      Day:      Year:						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>-</b>		2. <b>H132</b>		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Ginger Adams</b>		Signature <b>Ginger Adams</b>		Month: <b>11</b> Day: <b>26</b> Year: <b>09</b>		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC 00264778</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>415-552-1818</b>	4. Manifest Tracking Number <b>006299834 JJK</b>		
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Avenue, Suite 100 Oakland, CA 94606</b>				Generator's Site Address (if different than mailing address) <b>1009 66th Avenue Oakland CA</b>			
Generator's Phone: <b>(510) 434-5100</b>							
6. Transporter 1 Company Name <b>S&amp;S TRUCKING</b>				U.S. EPA ID Number <b>CA L000190372</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Kettelman Hills (Waste Management) 35251 Old Skyline Road Kettelman City, CA 95239</b>				U.S. EPA ID Number <b>CA F008646117</b>			
Facility's Phone: <b>(559) 386-4200</b>				U.S. EPA ID Number <b>CA T000646117</b>			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
			No.	Type			
	1	<del>PO - Environmentally Hazardous Substance</del> <del>Solid, N.O.D.</del> <del>(Polychlorinated Biphenyls) (PCB)</del>					261
	2	<del>PO - Environmentally Hazardous Substance</del> <del>Solid, N.O.D. (Polychlorinated Biphenyls), 9,1</del> <del>NA 3027, III</del>	001	DT	018	Y	261
	3						
4							
14. Special Handling Instructions and Additional Information  <b>WM Profile: CA 578935</b> <b>OS date 11-18-09</b> <b>17091 kg.</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Ann V. BAUER</b>				Signature <b>Ann V Bauer</b>		Month Day Year <b>11/18/09</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>GORDON BROWN</b>				Signature <b>[Signature]</b>		Month Day Year <b>11/20/09</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>-</b>		2. <b>H137</b>		3. _____		4. _____	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Ramona Ramos</b>				Signature <b>[Signature]</b>		Month Day Year <b>11/20/09</b>	



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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number		
		CAT00264777S	1	510-967-1786	006299814 JJK		
5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)					
Agri-Fab, Inc. 1000 7th Ave. Oakland, CA 94612		1009 66th Ave Oakland, CA					
Generator's Phone: 510-434-5100							
6. Transporter 1 Company Name		U.S. EPA ID Number					
X / S TROCKEN		XCAR00143875					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address		U.S. EPA ID Number					
Kittling Hill (Waste Management) 35251 Old St. Line Road Kittling Hill, CA 94529		CAT005646117					
Facility's Phone: 559-346-6200							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, Environmentally hazardous solid, n.o.s. (petroleum based hydraulic oil), 9 UN3077, III	001	DT	18	y	261	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information							
WM Ref: CA 575935 9E-40-4							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name		Signature		Month	Day	Year	
AND VILLER		[Signature]					
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
Transporter signature (for exports only):							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name		Signature		Month	Day	Year	
X SERGIO F GARCIA		[Signature]		12	10	09	
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number:							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name		Signature		Month	Day	Year	



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <i>CACD02647778</i>		2. Page 1 of <i>1</i>		3. Emergency Response Phone <i>510-967-1786</i>		4. Manifest Tracking Number <b>006299815 JJK</b>									
		5. Generator's Name and Mailing Address <i>Agave Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606</i>						Generator's Site Address (if different than mailing address) <i>1019 66th Ave Oakland, CA</i>									
<b>GENERATOR</b>		6. Transporter 1 Company Name <i>X</i>						U.S. EPA ID Number <i>X</i>									
		7. Transporter 2 Company Name						U.S. EPA ID Number									
<b>DESIGNATED FACILITY</b>		8. Designated Facility Name and Site Address <i>Ardenwood Hills (Waste Management) 25251 Old California Rd Ardenwood, CA 94029</i>						U.S. EPA ID Number <i>CAT008646117</i>									
		Facility's Phone: <i>510-336-6200</i>															
<b>TRANSPORTER</b>		9a. HM						9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity		12. Unit Wt./Vol.		13. Waste Codes	
<b>INT'L</b>		14. Special Handling Instructions and Additional Information <i>WM P.R.L. CA 578935</i>															
		15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.															
<b>TRANSPORTER</b>		Generator's/Offor's Printed/Typed Name <i>X John V. Bauer</i>						Signature <i>John V. Bauer</i>				Month Day Year <i>12/10/09</i>					
		16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.						Port of entry/exit: Date leaving U.S.:									
<b>DESIGNATED FACILITY</b>		17. Transporter Acknowledgment of Receipt of Materials															
		Transporter 1 Printed/Typed Name <i>X</i>						Signature <i>X</i>				Month Day Year <i>12/10/09</i>					
<b>DESIGNATED FACILITY</b>		Transporter 2 Printed/Typed Name						Signature				Month Day Year					
		18. Discrepancy															
<b>DESIGNATED FACILITY</b>		18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection															
		Manifest Reference Number:															
<b>DESIGNATED FACILITY</b>		18b. Alternate Facility (or Generator)						U.S. EPA ID Number									
		Facility's Phone:															
<b>DESIGNATED FACILITY</b>		18c. Signature of Alternate Facility (or Generator)															
		Month Day Year															
<b>DESIGNATED FACILITY</b>		19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)															
		1.				2.				3.				4.			
<b>DESIGNATED FACILITY</b>		20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a															
		Printed/Typed Name						Signature				Month Day Year					



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<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC002647725</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>510-967-1736</b>		4. Manifest Tracking Number <b>006299817 JJK</b>		
		5. Generator's Name and Mailing Address <b>Aspen Public Schools 1001 22nd Ave, Suite 160 Oakland, CA 94606</b>		Generator's Site Address (if different than mailing address) <b>1007 66th Ave Oakland, CA</b>					
6. Transporter 1 Company Name <b>W. KOTZ TRUCKING (INCORPORATED)</b>		U.S. EPA ID Number <b>XXXXXX</b>		7. Transporter 2 Company Name		U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Hoffman Hills (Waste Management) 35751 St. Anthony Road Hoffman Hills, CA 94729</b>		U.S. EPA ID Number <b>CAV005646117</b>		Facility's Phone: <b>559 356 6100</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
					No.	Type			
	X	1. RO BATTERY, 9, UN3027, 11			201	DT	16	Y	26
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>WM Profile CA 575935</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name <b>Ann V. PAUL</b>				Signature <i>Ann V. Paul</i>		Month Day Year <b>12 10 09</b>			
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
TRANSPORTER	Transporter 1 Printed/Typed Name <b>W. KOTZ TRUCKING</b>			Signature <i>W. Kotz</i>		Month Day Year <b>12 10 09</b>			
	Transporter 2 Printed/Typed Name			Signature		Month Day Year			
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number: _____								
	18b. Alternate Facility (or Generator)						U.S. EPA ID Number		
	Facility's Phone: _____								
	18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1.		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name				Signature		Month Day Year			



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <i>CAC0064778</i>		2. Page 1 of 1		3. Emergency Response Phone <i>510-375-1111</i>		4. Manifest Tracking Number <b>005417898 JJK</b>			
		5. Generator's Name and Mailing Address <i>Alpha Public School 1501 22nd Ave Ste 100 Oakland CA 94612</i>		Generator's Site Address (if different than mailing address) <i>1501 22nd Ave Ste 100 Oakland CA 94612</i>							
6. Transporter 1 Company Name <i>XIB TRUCKING</i>		U.S. EPA ID Number <i>CAC0064778</i>									
7. Transporter 2 Company Name		U.S. EPA ID Number									
8. Designated Facility Name and Site Address <i>Chemical Waste Management, Inc. 35251 Old Skyline Road Kathlamet City, CA 98229</i>		U.S. EPA ID Number <i>CAC0064778</i>									
Facility's Phone: <i>360-326-9711</i>											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
						No.	Type				
		1. <i>Flammable, highly hazardous substance, 100% HCl (polymerized)</i>				1	OT	16	1		
		2.									
		3.									
	4.										
14. Special Handling Instructions and Additional Information <i>Profile C-570935</i> <i>VP 37561 "4 FC 9342" TCI "304"</i>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offeror's Printed/Typed Name						Signature		Month		Day Year	
								10		10	
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	Transporter signature (for exports only): _____										
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials										
	Transporter 1 Printed/Typed Name						Signature		Month		Day Year
<i>Robert Focky</i>						<i>Robert Focky</i>		10		10	
Transporter 2 Printed/Typed Name						Signature		Month		Day Year	
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	Manifest Reference Number: _____										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number										
	Facility's Phone: _____										
18c. Signature of Alternate Facility (or Generator) Month Day Year											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1.		2.		3.		4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name						Signature		Month		Day Year	



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <i>CAD00547775</i>		2. Page 1 of <i>1</i>		3. Emergency Response Phone <i>510-987-1785</i>		4. Manifest Tracking Number <b>005417899 JJK</b>				
		5. Generator's Name and Mailing Address <i>Aspin Public School 1001 22nd Ave, Ste 100 Oakland, CA 94606</i>		Generator's Site Address (if different than mailing address) <i>1005 50th Ave Oakland, CA 94612 USA</i>								
6. Transporter 1 Company Name <i>JJK</i>		U.S. EPA ID Number <i>CAD00547775</i>										
7. Transporter 2 Company Name		U.S. EPA ID Number										
8. Designated Facility Name and Site Address <i>Chimney Waste Management, Inc. 35251 Old Skyline Road Kittiman City, CA 94239</i>		U.S. EPA ID Number <i>CAD00547775</i>										
Facility's Phone: <i>209-356-9711</i>												
<b>GENERATOR</b>	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
						No.	Type					
		1. <i>PC, Environmentally Hazardous substance, solid, P.O.D. (polychlorinated biphenyls), 9 UN3077, 8</i>				<i>1</i>	<i>DT</i>	<i>16</i>	<i>1</i>			
		2.										
		3.										
	4.											
14. Special Handling Instructions and Additional Information <i>Wear proper PPE when handling waste</i>  <i>Profile CAS78935</i>												
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offor's Printed/Typed Name <i>M. J. JJK</i>						Signature <i>[Signature]</i>		Month		Day Year		
<b>INT'L</b>	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____											
	17. Transporter Acknowledgment of Receipt of Materials											
<b>TRANSPORTER</b>	Transporter 1 Printed/Typed Name <i>[Signature]</i>						Signature <i>[Signature]</i>		Month		Day Year	
	Transporter 2 Printed/Typed Name						Signature		Month		Day Year	
<b>DESIGNATED FACILITY</b>	18. Discrepancy											
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____											
	18b. Alternate Facility (or Generator) U.S. EPA ID Number _____											
	Facility's Phone: _____											
	18c. Signature of Alternate Facility (or Generator) Month Day Year											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1.		2.		3.		4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name						Signature		Month		Day Year		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CACC002547776		2. Page 1 of 1		3. Emergency Response Phone 510-457-1786		4. Manifest Tracking Number <b>005417900 JJK</b>									
		5. Generator's Name and Mailing Address Aspire Public School 1001 22nd Ave, Ste 100 Oakland, CA 94606 Generator's Phone: 510-434-8000						Generator's Site Address (if different than mailing address) 1001 22nd Ave Oakland, CA 94606-1555 USA									
GENERATOR		6. Transporter 1 Company Name <i>Howe Transportation</i>						U.S. EPA ID Number CAK000187420									
		7. Transporter 2 Company Name						U.S. EPA ID Number									
DESIGNATED FACILITY		8. Designated Facility Name and Site Address Lorenson Waste Management, Inc. 55251 Old Spine Road Kettnerman City, CA 93239 Facility's Phone: 209-355-9711						U.S. EPA ID Number CAK000187420									
		9a. HM						9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity		12. Unit Wt./Vol.		13. Waste Codes	
TRANSPORTER				1. RC, Environmentally hazardous substance, solid, inorganic (polychlorinated biphenyls), 9, UN3077 III		1		DT		15		Y					
DESIGNATED FACILITY				2.													
DESIGNATED FACILITY				3.													
DESIGNATED FACILITY				4.													
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste Profile CAS 8006 <i>LP 93915</i> <i>4FJ 8106</i>																	
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.																	
Generator's/Offor's Printed/Typed Name <i>M. DARR</i>																	
Signature <i>[Signature]</i>																	
Month Day Year <i>12 29 09</i>																	
16. International Shipments: <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____																	
17. Transporter Acknowledgment of Receipt of Materials																	
Transporter 1 Printed/Typed Name <i>Jose Dominguez</i>																	
Signature <i>[Signature]</i>																	
Month Day Year <i>12 29 09</i>																	
Transporter 2 Printed/Typed Name																	
Signature																	
Month Day Year																	
18. Discrepancy																	
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection																	
Manifest Reference Number: _____																	
18b. Alternate Facility (or Generator) U.S. EPA ID Number																	
Facility's Phone: _____																	
18c. Signature of Alternate Facility (or Generator) Month Day Year																	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)																	
1. 2. 3. 4.																	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a																	
Printed/Typed Name Signature Month Day Year																	



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CAC002847778		2. Page 1 of 1		3. Emergency Response Phone 510-067-1786		4. Manifest Tracking Number <b>005417901 JJK</b>				
		5. Generator's Name and Mailing Address Aspen Public School 1001 22nd Ave., Ste. 100 Oakland, CA 94606 Generator's Phone: 510-434-5000		Generator's Site Address (if different than mailing address) 1001 22nd Ave. Oakland, CA 94612-3535 USA								
6. Transporter 1 Company Name <i>Millen Trucking</i>		U.S. EPA ID Number <i>3 C0000014747</i>										
7. Transporter 2 Company Name <i>Millen Trucking</i>		U.S. EPA ID Number										
8. Designated Facility Name and Site Address Central Waste Management, Inc. 55251 Old Skyline Road Kathlamet City, CA 99330 Facility's Phone: 209-365-9711		U.S. EPA ID Number CATX000015117										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
						No.	Type					
		1. RG, Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), 9, UN3077 III				1	DT	15	Y			
		2.										
		3.										
	4.											
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste  Profile CA576935												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offeror's Printed/Typed Name <i>M. Dake</i>						Signature <i>[Signature]</i>		Month <i>12</i>		Day <i>29</i>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____												
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials											
	Transporter 1 Printed/Typed Name <i>[Signature]</i>						Signature <i>[Signature]</i>		Month <i>12</i>		Day <i>29</i>	
	Transporter 2 Printed/Typed Name						Signature		Month		Day <i>29</i>	
DESIGNATED FACILITY	18. Discrepancy											
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
	Manifest Reference Number:											
	18b. Alternate Facility (or Generator) U.S. EPA ID Number											
	Facility's Phone:											
	18c. Signature of Alternate Facility (or Generator)								Month		Day <i>29</i>	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1.		2.		3.		4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a												
Printed/Typed Name						Signature		Month		Day <i>29</i>		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CA0000847778	2. Page 1 of 1	3. Emergency Response Phone 510-567-1788	4. Manifest Tracking Number <b>005417927 JJK</b>			
5. Generator's Name and Mailing Address Asphre Public School 1001 22nd Ave, Ste 100 Oakland, CA 94606 Generator's Phone: 510-434-5000		Generator's Site Address (if different than mailing address) 1009 55th Ave. Oakland, CA 94621-3535 USA						
6. Transporter 1 Company Name B.M. Inc. Trucking						U.S. EPA ID Number R000105810		
7. Transporter 2 Company Name						U.S. EPA ID Number		
8. Designated Facility Name and Site Address Chemical Waste Management, Inc. 5521 Old Skyline Road Kermiton City, CA 93230 Facility's Phone: 209-366-2711						U.S. EPA ID Number CA0000546117		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
1.	PQ. Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), 9, 1463077, III	1	DT	16	Y			
2.								
3.								
4.								
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste Phone 04578935								
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name				Signature		Month Day Year		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name				Signature		Month Day Year		
JESUS R GARCIA						12 23 09		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name				Signature		Month Day Year		



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number	
		CAC002547718	1	510-567-1786	005417928 JJK	
5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)				
Aspire Public School 1001 22nd Ave, Ste 100 Oakland, CA 94608		1001 22nd Ave Oakland, CA 94608 USA				
Generator's Phone: 510-434-6300						
6. Transporter 1 Company Name		U.S. EPA ID Number				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address		U.S. EPA ID Number				
Central Waste Management, Inc. 55251 Old Skyline Road Kettlemans City, CA 94529		CAT000515117				
Facility's Phone: 209-386-9711						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. RQ. Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), UN3077, III	1	DT	15	Y	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information						
Wear proper PPE when handling waste						
Phone CA578335						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name		Signature			Month	Day Year
M. DARE					12	14 10
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name		Signature			Month	Day Year
Transporter 2 Printed/Typed Name		Signature			Month	Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name		Signature			Month	Day Year



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Manifest Tracking Number

**005417929 JJK**

5. Generator's Name and Mailing Address

Aspire Public School  
1001 22nd Ave Ste 100  
Oakland CA 94606

Generator's Site Address (if different than mailing address)

1009 86th Ave  
Oakland, CA 94621-3535 USA

Generator's Phone: 510-434-9191

6. Transporter 1 Company Name

*MILLAN TRUCKING*

U.S. EPA ID Number

U.S. EPA ID Number

U.S. EPA ID Number

CAR00056117

8. Designated Facility Name and Site Address

Chemical Waste Management, Inc  
35051 Old Skyline Road  
Hawthorne, CA 92339

Facility's Phone: 310-355-4211

9a.  
HM

9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))

10. Containers

No.

Type

11. Total  
Quantity

12. Unit  
WL/Vol.

13. Waste Codes

1. RQ2, Extremely hazardous substance, solid, N.O.S. (polychlorinated biphenyls), 9, UN3077, III

1

DT

15

Y

2.

3.

4.

14. Special Handling Instructions and Additional Information

Wear proper PPE when handling waste

Profile CM578935

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Officer's Printed/Typed Name

Signature

Month Day Year

INT'L

16. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Transporter 2 Printed/Typed Name

Signature

Month Day Year

TRANSPORTER

18. Discrepancy

18a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

18b. Alternate Facility (or Generator)

Manifest Reference Number:

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Signature

Item 9. Identific.  
Item 9b. mater correct  
Item 9b. Number technical  
Note: If a in Item 27, Emergency or Item 27, shipping des



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CA0002647775	2. Page 1 of 1	3. Emergency Response Phone 510-567-1766	4. Manifest Tracking Number <b>005417930 JJK</b>			
5. Generator's Name and Mailing Address Aspire Public School 1001 22nd Ave., Ste 100 Oakland, CA 94606 Generator's Phone: 510-434-5000			Generator's Site Address (if different than mailing address) 1029 56th Ave Oakland, CA 94612-3535 USA					
6. Transporter 1 Company Name Miller Trucking			U.S. EPA ID Number CA0000165870					
7. Transporter 2 Company Name			U.S. EPA ID Number					
8. Designated Facility Name and Site Address Lithical Waste Management, Inc. 36251 Old Skyline Road Kathlamet, CA 98239 Facility's Phone: 206-396-9711			U.S. EPA ID Number CA000045117					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
		1. PO, Environmentally hazardous substance, acid, H.C.S. (polymerized biphenyls), 2, UN3077, III	1	DT	16	Y		
		2.						
		3.						
		4.						
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste Profile CA578035								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name M. DARR			Signature		Month	Day	Year	
					12	21	09	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____					
	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name JPC R		Signature		Month	Day	Year	
					12	21	09	
	Transporter 2 Printed/Typed Name		Signature		Month	Day	Year	
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	Manifest Reference Number: _____							
	18b. Alternate Facility (or Generator) U.S. EPA ID Number							
	Facility's Phone: _____							
	18c. Signature of Alternate Facility (or Generator)					Month	Day	Year
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
	1.	2.	3.	4.				
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
	Printed/Typed Name		Signature		Month	Day	Year	



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number C4000064775	2. Page 1 of 1	3. Emergency Response Phone 510-982-1765	4. Manifest Tracking Number 005417931 JJK		
5. Generator's Name and Mailing Address Aspire Public School 1001 22nd Ave. Ste. 100 Oakland, CA 94605 Generator's Phone: 510-431-6000		Generator's Site Address (if different than mailing address) 1009 66th Ave. Oakland, CA 94621-7535 USA					
6. Transporter 1 Company Name ZEPEDA FLORES TR		U.S. EPA ID Number C4000064775					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address Chemical Waste Management, Inc. 35251 Old Highway Road Kettleman City, CA 93239 Facility's Phone: 209-356-9711		U.S. EPA ID Number C4000064775					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes	
	1. PO, Environmentally hazardous substance, solid, H.C. 3. (polymerized nitrogen), 9. UN3077 III	1	DT	15	1		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste Profile C4578935							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name V. LARE		Signature [Signature]			Month 12	Day 29	
16. International Shipments Transporter signature (for exports only):		<input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:			
17. Transporter Acknowledgment of Receipt of Materials		Signature [Signature]		Month 12	Day 29	Year 09	
Transporter 1 Printed/Typed Name ECONAL Gonzalez		Signature [Signature]		Month 12	Day 29	Year 09	
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name		Signature			Month	Day Year	



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number C00000547775	2. Page 1 of 1	3. Emergency Response Phone 510-957-1706	4. Manifest Tracking Number 005417932 JJK			
5. Generator's Name and Mailing Address 1001 22nd Ave, Ste 100 Oakland, CA 94606 Generator's Phone: 510-434-0000			Generator's Site Address (if different than mailing address) 1001 22nd Ave Oakland, CA 94606-0000 USA					
6. Transporter 1 Company Name P & U TRUCKING			U.S. EPA ID Number C000000086676					
7. Transporter 2 Company Name			U.S. EPA ID Number					
8. Designated Facility Name and Site Address Continental Waste Management, Inc. 30251 Old Skyline Road Kettleman City, CA 94529 Facility's Phone: 709-385-9711			U.S. EPA ID Number C0000000117					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
		1. H2, Environmentally hazardous substance, solid, H.O.S. (polycondensed biphenyls), 9, UN3077, 18	1	DT	16	Y		
		2.						
		3.						
		4.						
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste Proble C4576935								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name M. D. ...			Signature ...			Month Day Year 12 29 09		
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.			Port of entry/exit: Date leaving U.S.:				
	Transporter signature (for exports only):							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name X. Pedro Hernandez			Signature ...			Month Day Year 12 29 09	
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name			Signature			Month Day Year	
	18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator)						U.S. EPA ID Number		
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name			Signature			Month Day Year		



## GENERATOR



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC 00264778 778</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>415-552-1818</b>	4. Manifest Tracking Number <b>006299832 JJK</b>		
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave Oakland, CA 94606</b>				Generator's Site Address (if different than mailing address) <b>1009 66th Ave Oakland, CA.</b>			
Generator's Phone: <b>510-434-5100</b>				6. Transporter 1 Company Name <b>Coyote Trucking</b>		U.S. EPA ID Number <b>CAR 000180620</b>	
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Kettleman Hills (Waste Management) 35251 Old Skyline Road Kettleman City, CA. 93239</b>				U.S. EPA ID Number <b>CAT000646117</b> <b>CAT00864417</b>			
Facility's Phone: <b>(559) 381-6200</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
			No.	Type			
		<del>1. RD, Environmentally Hazardous Substance, Solid, N.O.</del>					<del>261</del>
		<del>(polychlorinated biphenyls) (solid impregnated with PCB)</del>					
	X	2. RD, Environmentally hazardous substance, solid, N.O., (polychlorinated biphenyls), 9, NA 3022, 111	1	DT	018	Y	261
	3.						
	4.						
14. Special Handling Instructions and Additional Information  <b>WM Profile: CA 570935</b> <b>9D38929</b> <b>21763 kg</b> <b>OSD: 11/18/09</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Ann V. Bauer</b>				Signature <b>Ann V. Bauer</b>		Month Day Year <b>11 18 09</b>	
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
TRANSPORTER	Transporter 1 Printed/Typed Name <b>EDMOND ST LAURENT</b>				Signature <b>[Signature]</b>		Month Day Year <b>11 19 09</b>
	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
	Facility's Phone:						
	18c. Signature of Alternate Facility (or Generator)				Month Day Year		
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1. <b>H132</b>	2. <b>H132</b>	3.	4.			
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
	Printed/Typed Name <b>Janice Varela</b>				Signature <b>Janice Varela</b>		Month Day Year <b>11 19 09</b>



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC 00264778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>415-552-1812</b>		4. Manifest Tracking Number <b>006299831 JJK</b>		
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA. 94606</b>					Generator's Site Address (if different than mailing address) <b>1009 16th Ave. Oakland, CA.</b>				
Generator's Phone: <b>(510) 434-5100</b>									
6. Transporter 1 Company Name <b>S&amp;S TRUCKING</b>					U.S. EPA ID Number <b>CA000190572</b>				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Ketheman Hills Waste Management 35251 Oldskyllone Road Ketheman City, CA. 93239</b>					U.S. EPA ID Number <b>CA00864649</b> <b>CAT00064617</b>				
Facility's Phone: <b>(559) 386-6200</b>									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. <del>RQ Environmentally Hazardous Substance, solid, n.o.s.</del> <del>(Polychlorinated Biphenyls) (solid impregnated with</del> <del>SLB PCB)</del>			1				261
		2. RQ Environmentally Hazardous Substance, Solid, n.o.s. (polychlorinated biphenyls), 9, NA 3077, III			1 DT 018				261
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>WMP file: CA 578935</b> <b>21328 lbs.</b> <b>9D90756 OSD: 11/19/09</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name <b>Ann V. Bauer</b>					Signature <b>Ann V. Bauer</b>		Month Day Year <b>11 18 09</b>		
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
TRANSPORTER	Transporter 1 Printed/Typed Name <b>GORDON BROWN</b>					Signature <b>[Signature]</b>		Month Day Year <b>11 19 09</b>	
	Transporter 2 Printed/Typed Name					Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number:								
	18b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone:									
18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H130</b>		2. <b>H132</b>		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Janice Varela</b>					Signature <b>Janice Varela</b>		Month Day Year <b>11 19 09</b>		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC00264778 778</b>		2. Page 1 of 1		3. Emergency Response Phone <b>415-552-1818</b>		4. Manifest Tracking Number <b>006299830 JJK</b>			
5. Generator's Name and Mailing Address <b>Aspine Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606</b>						Generator's Site Address (if different than mailing address) <b>1009 66th Ave Oakland CA</b>					
Generator's Phone: <b>510-434-5100</b>											
6. Transporter 1 Company Name <b>ROAD RUNNER TRUCK LINES</b>						U.S. EPA ID Number <b>CA000184531</b>					
7. Transporter 2 Company Name						U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>Kettelman HUS (Waste Management) 35251 Old Skyline Road Kettelman City, CA 93239</b>						U.S. EPA ID Number <b>CA000646117</b>					
Facility's Phone: <b>(559) 386-6200</b>											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
						No.	Type				
		1. <del>Environmentally Hazardous Substances, Solid, N.O.C.</del>								261	
		2. <del>Polychlorinated Biphenyls (Solid)</del>									
		3. <del>Environmentally Hazardous Substances, Solid, N.O.C.</del>									
		2. <del>RO, Environmentally Hazardous Substances, Solid, N.O.C.</del>									
		Solid, viscous, Polychlorinated biphenyls, 9, NA 3077, III				1	DT	012	Y	261	
		3.									
		4.									
14. Special Handling Instructions and Additional Information <b>WM Profile: CA 570935</b> <b>II UP 69229</b> <b>26844 K88</b> <b>OSD: 11/18/09</b>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name <b>Ann V. BAKER</b>						Signature <b>Ann Baker</b>		Month Day Year <b>11/18/09</b>			
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:										
	Transporter signature (for exports only):										
DESIGNATED FACILITY	17. Transporter Acknowledgment of Receipt of Materials										
	Transporter 1 Printed/Typed Name <b>Hardeep Gosal</b>						Signature <b>[Signature]</b>		Month Day Year <b>11/19/09</b>		
	Transporter 2 Printed/Typed Name						Signature		Month Day Year		
	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number										
	Facility's Phone:										
	18c. Signature of Alternate Facility (or Generator) Month Day Year										
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
	1. <b>H130</b>		2. <b>H132</b>		3.		4.				
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
	Printed/Typed Name <b>Janice Varela</b>						Signature <b>Janice Varela</b>		Month Day Year <b>11/19/09</b>		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC00264778<sup>778</sup> R</b>		2. Page 1 of 1		3. Emergency Response Phone <b>415-552-1318</b>		4. Manifest Tracking Number <b>006299829 JJK</b>					
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave Suite 100 Oakland, CA. 94606</b>						Generator's Site Address (if different than mailing address) <b>1009 46th Avenue Oakland, CA.</b>							
Generator's Phone: <b>(510) 434-5100</b>													
6. Transporter 1 Company Name <b>18 TRK</b>						U.S. EPA ID Number <b>CAR000142875</b>							
7. Transporter 2 Company Name						U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Kettleman Hills (Waste Management) 35251 Old Skyline Road Kettleman City, CA. 93239</b>						U.S. EPA ID Number <b>CAT00844617</b> <b>CAT000646117</b>							
Facility's Phone: <b>(559) 306-6200</b>													
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity		12. Unit Wt./Vol.		13. Waste Codes	
						No. Type							
1		<del>1. RQ, Environmentally hazardous substances, Solid N.O.D.</del> <del>(Polychlorinated Biphenyls) (not impaled with 11.8 PCB)</del>				001						261 300	
2		2. RQ, Environmentally hazardous substances, Solid, N.O.D. (Polychlorinated Biphenyls), 9, NA 3077, 111				001 DT 12		Y				261	
3.													
4.													
14. Special Handling Instructions and Additional Information  <b>WM Profile: CA 578935      22571 lbs.      OSD: 11/18/09</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offor's Printed/Typed Name      Signature      Month      Day      Year <b>Ann R. BAUER      Ann Bauer      11/18/09</b>													
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit:      Date leaving U.S.: Transporter signature (for exports only):													
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name      Signature      Month      Day      Year <b>Esteban Jimenez      [Signature]      11/19/09</b> Transporter 2 Printed/Typed Name      Signature      Month      Day      Year													
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator)      U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator)      Month      Day      Year													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1.      2. <b>H132</b> 3.      4.													
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name      Signature      Month      Day      Year <b>Ginger Adams      [Signature]      11/19/09</b>													



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number	
		CAC00264778 278	1	(415) 552-1818	006299827 JJK	
5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)				
Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606 (510) 434-5100		1009 46th Avenue Oakland CA				
Generator's Phone:						
6. Transporter 1 Company Name		U.S. EPA ID Number				
X 18 TRUCKING		CAR000143875				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address		U.S. EPA ID Number				
Kettiman Hills (Waste Management) 35251 Old Skyline Road Kettiman City CA, 93239 (559) 384-6200		GAT003046117 CAT000646117				
Facility's Phone:						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. <del>RQ, Environmentally Hazardous Substances, Solid, N.O.S.</del> <del>(Polychlorinated Biphenyls) (Soil Impacted with PCB)</del>	222				261
X	2. RQ, Environmentally hazardous substance, solid, N.O.S. (Polychlorinated biphenyls), 9, UN 3077, III	001	DT 018	Y		261
	3.					
	4.					
14. Special Handling Instructions and Additional Information						
WM Profile: CA578935 20557 lbs. OSD: 11/19/09 VP37561 TRK# 204						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name						
Ann V. Bauer						
Signature						
Clan Bauer						
Month Day Year						
11 18 09						
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name						
X ROBIN FABRY						
Signature						
Rob Fabry						
Month Day Year						
11 19 09						
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. 2. H132 3. 4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name						
Ramona Ramos						
Signature						
R.R.						
Month Day Year						
11 19 09						



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>278</b> <b>CAC 00264778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(415) 552-1818</b>		4. Manifest Tracking Number <b>006299826 JJK</b>		
		5. Generator's Name and Mailing Address <b>Aspire Public Schools</b> <b>1001 22nd Avenue, Suite 100</b> <b>Oakland, CA 94606</b>		Generator's Site Address (if different than mailing address) <b>1009 66th Avenue</b> <b>Oakland CA</b>					
Generator's Phone: <b>510-434-5100</b>		6. Transporter 1 Company Name <b>18 TRUCKING</b>		U.S. EPA ID Number <b>KEAR 000143875</b>					
7. Transporter 2 Company Name				U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>Kettleman Hills (Waste Management)</b> <b>35251 Old Skyline Road</b> <b>Kettleman City, CA 93239</b>		U.S. EPA ID Number <b>CAT 005646117</b>		Facility's Phone: <b>(559) 386-6200</b>					
Facility's Phone:									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes
	+	1. <del>RG, Environmentally Hazardous Substance, Solid, NA 277, III</del> <b>(Polychlorinated Biphenyls) (Solid, Impacted with PCB)</b> <b>&gt; 1 LB</b>							<b>261</b>
	X	2. <del>RG, Environmentally Hazardous Substance, Solid, NA 277, III</del> <b>(Polychlorinated Biphenyls), 9, NA 2077, III</b>			<b>001 DT</b>		<b>18</b>	<b>Y</b>	<b>261</b>
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>Wm Profile: CA 578935</b> <b>19650 KGS.</b> <b>9E24024</b> <b>OSD: 11/18/09</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offoror's Printed/Typed Name <b>Ann V. BAUER</b>									
Signature <b>Ann V. Bauer</b>									
Month Day Year <b>11/18/09</b>									
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	Transporter signature (for exports only): _____								
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name <b>SERGIO F GARCIA</b>								
DESIGNATED FACILITY	Signature <b>Sergio F Garcia</b>								
	Month Day Year <b>11/18/09</b>								
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Manifest Reference Number: _____									
18b. Alternate Facility (or Generator) U.S. EPA ID Number _____									
Facility's Phone: _____									
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. _____		2. <b>H132</b>		3. _____		4. _____			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Ginger Adams</b>									
Signature <b>Ginger Adams</b>									
Month Day Year <b>11/19/09</b>									



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC00264778</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>415-552-1818</b>		4. Manifest Tracking Number <b>006299828 JJK</b>		
		5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Avenue, Suite 100 Oakland, CA. 94606</b>		Generator's Site Address (if different than mailing address) <b>1009 66th Avenue Oakland, CA</b>						
6. Generator's Phone: <b>(510) 434-5100</b>		6. Transporter 1 Company Name <b>18 TRK</b>				U.S. EPA ID Number <b>CAR000143875</b>				
7. Transporter 2 Company Name						U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Kethman Hills (Waste Management) 35251 Old Skyline Road Kethman City, CA. 93239</b>						U.S. EPA ID Number <b>CAT000646117</b>				
Facility's Phone: <b>(959) 386-6200</b>										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes
		1. <del>Re-Environmentally hazardous substances, solid, n.o.s.</del>				No. Type				
		<del>Polychlorinated Biphenyls (soil impacted with PCB)</del>								
	X	2. <del>Re-Environmentally hazardous substances, solid, n.o.s., Polychlorinated biphenyls, 9, NA 3072, III</del>				001 DT 012		Y		261
		3.								
		4.								
14. Special Handling Instructions and Additional Information <b>WM Profile: CA 578935 O/S Date 11-18-09 23379 kgs. 9D06993</b>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offor's Printed/Typed Name <b>Ann V. BAUER</b>										
Signature <b>Ann V. Bauer</b>										
Month Day Year <b>11/18/09</b>										
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name <b>Edan J...</b>				Signature <b>[Signature]</b>		Month Day Year <b>11/20/09</b>			
	Transporter 2 Printed/Typed Name				Signature		Month Day Year			
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	Manifest Reference Number:									
	18b. Alternate Facility (or Generator) U.S. EPA ID Number									
	Facility's Phone:									
	18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>H132</b>		2. <b>H132</b>		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name <b>Ginger Adams</b>										
Signature <b>[Signature]</b>										
Month Day Year <b>11/20/09</b>										



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC00244778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>415-552-1818</b>		4. Manifest Tracking Number <b>006299833 JJK</b>		
		5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Avenue Oakland CA 94606</b>		Generator's Site Address (if different than mailing address) <b>1009 16th Avenue Oakland CA</b>					
6. Transporter 1 Company Name <b>18 Trucking</b>		U.S. EPA ID Number <b>YCA R000143875</b>							
7. Transporter 2 Company Name		U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Kettelman Hills (Waste Management) 35251 Old Skyline Road Kettelman City, CA 94629</b>		U.S. EPA ID Number <b>CAT000646117</b>					Facility's Phone: <b>(559) 386-6200</b>		
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. <del>Environmentally hazardous substance, solid, N.O.B.</del> <del>(polychlorinated biphenyls) (solid impregnated with PCB)</del>			BRL				261 012
		2. <del>Environmentally hazardous substance, solid, N.O.B.</del> <del>(polychlorinated biphenyls), 9 NA3077, 11</del>			001 DT 012		Y		261
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>WM Profile: CA578935 015 11-18-09 13680 kgs.</b> <b>9E 24034</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offero's Printed/Typed Name: <b>Ann V Bauer</b> Signature: <b>Ann V Bauer</b> Month: <b>11</b> Day: <b>18</b> Year: <b>09</b>									
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name: <b>Sergio F Garcia</b> Signature: <b>Sergio F Garcia</b> Month: <b>11</b> Day: <b>30</b> Year: <b>09</b>								
	Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____								
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number: _____								
	18b. Alternate Facility (or Generator)					U.S. EPA ID Number			
	Facility's Phone: _____								
	18c. Signature of Alternate Facility (or Generator)						Month: _____ Day: _____ Year: _____		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>-</b>		2. <b>H132</b>		3. _____		4. _____			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name: <b>Ginger Adams</b> Signature: <b>Ginger Adams</b> Month: <b>11</b> Day: <b>26</b> Year: <b>09</b>									



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC 00264778</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>415-552-1818</b>	4. Manifest Tracking Number <b>006299834 JJK</b>	
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Avenue, Suite 100 Oakland, CA 94606</b>			Generator's Site Address (if different than mailing address) <b>1009 46th Avenue Oakland CA</b>			
Generator's Phone: <b>(510) 434-5100</b>			6. Transporter 1 Company Name <b>S&amp;S TRUCKING</b>			
			U.S. EPA ID Number <b>CAL000190372</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Kettelman Hills (Waste Management) 35251 Old Skyline Road Kettelman City, CA 93239</b>			U.S. EPA ID Number <b>CAT000646117</b>			
Facility's Phone: <b>(559) 386-4200</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. <del>Environmentally hazardous substance</del> <del>Solid, N.O.B. (polychlorinated biphenyls) (not impacked &gt; 1 lb per container)</del>					<del>261</del>
X	2. <del>Environmentally hazardous substance</del> <del>Solid, N.O.B. (polychlorinated biphenyls), 9,1</del>	001	DT	018	Y	261
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>WM Profile: CA 570935</b> <b>OS date 11-18-09</b> <b>17091 kg.</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Ann V. BAUER</b>		Signature <b>Ann V. Bauer</b>		Month Day Year <b>11/18/09</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>GORDON BROWN</b>		Signature <b>[Signature]</b>		Month Day Year <b>11/30/09</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>-</b>		2. <b>H137</b>		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Ramona Ramos</b>		Signature <b>[Signature]</b>		Month Day Year <b>11/20/09</b>		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC002647778</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>510-967-1780</b>		4. Manifest Tracking Number <b>006299813 JJK</b>			
		5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606</b>						Generator's Site Address (if different than mailing address) <b>1009 66th Ave Oakland, CA</b>			
6. Transporter 1 Company Name <b>X 18 TRUCKING</b>						U.S. EPA ID Number <b>XCA2000143875</b>					
7. Transporter 2 Company Name						U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>Hettlerman Hills (Waste Management) 35251 Old Skyline Road Hettlerman City, CA 93239</b>						U.S. EPA ID Number <b>CAT000646117</b> <del>CAT000646117</del>					
Facility's Phone: <b>559-786-6200</b>											
<b>GENERATOR</b>	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	<b>X</b>	<b>1. RQ, Environmentally hazardous substances, solid, n.o.s., (Polychlorinated biphenyls), 9, UN 2077, III</b>				<b>001</b>	<b>DT</b>	<b>18</b>	<b>Y</b>	<b>261</b>	
14. Special Handling Instructions and Additional Information <b>WM Profile: CA 578935 OS date 12-10-09 4FE0342 L 20575 Kg VP 37561 TRK# 204</b>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name <b>X Ann V B Auer</b>						Signature <b>X Ann V B Auer</b>		Month Day Year <b>12 10 09</b>			
<b>TRANSPORTER</b>	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>X ROBIN FABRY</b> Signature <b>X Robin Fabry</b> Month Day Year <b>12 10 09</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____										
<b>DESIGNATED FACILITY</b>	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number _____										
	Facility's Phone: _____										
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H132</b> 2. _____ 3. _____ 4. _____											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Ginger Adams</b> Signature <b>Ginger Adams</b> Month Day Year <b>12 10 09</b>											



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KAC002647778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>570-967-1786</b>		4. Manifest Tracking Number <b>006299814 JJK</b>			
		5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606</b>				Generator's Site Address (if different than mailing address) <b>1009 66th Ave Oakland, CA</b>				
6. Transporter 1 Company Name <b>X 18 TRUCKING</b>		U.S. EPA ID Number <b>X CAR000143875</b>				7. Transporter 2 Company Name				
8. Designated Facility Name and Site Address <b>Kettleman Hills (Waste Management) 35251 Old Skyline Road Kettleman Hills, CA 95239</b>		U.S. EPA ID Number <b>CAT000646117</b>				Facility's Phone: <b>559-386-6200</b>				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes	
					No.	Type				
	X	1. RQ, Environmentally hazardous substance, solid, n.o.s., (polychlorinated biphenyls), 91 UN3077, III			001	DT	18	Y	261	
14. Special Handling Instructions and Additional Information <b>WM P.O. # CA 578935</b> <b>9524024 os date 12-10-09</b>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Officer's Printed/Typed Name: <b>Ann V BAUER</b> Signature: <b>Ann V Bauer</b> Month: <b>12</b> Day: <b>10</b> Year: <b>09</b>										
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name: <b>X SERGIO F GARCIA</b> Signature: <b>X Sergio F Garcia</b> Month: <b>12</b> Day: <b>10</b> Year: <b>09</b>										
Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____										
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
Manifest Reference Number: _____										
18b. Alternate Facility (or Generator) U.S. EPA ID Number: _____										
Facility's Phone: _____										
18c. Signature of Alternate Facility (or Generator) Month: _____ Day: _____ Year: _____										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>H132</b> 2. _____ 3. _____ 4. _____										
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name: <b>Ginger Adams</b> Signature: <b>Ginger Adams</b> Month: <b>12</b> Day: <b>10</b> Year: <b>09</b>										



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC002647778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>510-967-1786</b>		4. Manifest Tracking Number <b>006299815 JJK</b>	
		5. Generator's Name and Mailing Address <b>Aspire Public Schools</b> <b>1001 22nd Ave, Suite 100</b> <b>Oakland, CA 94606</b>				Generator's Site Address (if different than mailing address) <b>1009 66th Ave</b> <b>Oakland, CA</b>		
Generator's Phone: <b>510-434-5100</b>		6. Transporter 1 Company Name <b>X 18 TRIR</b>		U.S. EPA ID Number <b>X CARB00143875</b>				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Kettleman Hills Waste Management</b> <b>35251 Old Skyline Road</b> <b>Kettleman City, CA 93239</b>		Facility's Phone: <b>559-386-6200</b>		U.S. EPA ID Number <b>CAT000646117</b> <b>CAT002646117</b>				
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
				No.	Type			
<b>X</b>	<b>1. RQ, Environmentally hazardous substances, solid, n.o.s., (polychlorinated biphenyls), 9, UN3077, III</b>			<b>001</b>	<b>PT</b>	<b>18</b>	<b>Y</b>	<b>261</b>
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information <b>WM Pacific CA 578935</b> <b>21954Kg.</b> <b>OS date 12-10-09</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name <b>X Ann V BAUER</b>				Signature <b>Ann V Bauer</b>		Month Day Year <b>12/10/09</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.				Port of entry/exit Date leaving U.S.:				
Transporter signature (for exports only):								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>X [Signature]</b>				Signature <b>X [Signature]</b>		Month Day Year <b>12/10/09</b>		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H132</b>			2.			4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Ginger Adams</b>				Signature <b>[Signature]</b>		Month Day Year <b>12/10/09</b>		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC002647778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>510-967-1786</b>		4. Manifest Tracking Number <b>006299816 JJK</b>		
		5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606</b>		Generator's Site Address (if different than mailing address) <b>1009 66th Ave Oakland, CA</b>					
6. Transporter 1 Company Name <b>X Naman Trucking</b>		Generator's Phone <b>510-434-5100</b>		7. Transporter 2 Company Name		U.S. EPA ID Number <b>XCAR000154740</b>			
8. Designated Facility Name and Site Address <b>Kettlemaw Hill Waste Management 35251 Old Lytle Rd Kettlemaw City, CA 93239</b>		Facility's Phone <b>559-386-6200</b>		U.S. EPA ID Number <b>CAT000646117</b> <b>CAT000646117</b>					
<b>GENERATOR</b>	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes
	<b>X</b>	1. <b>RQ, Environmentally hazardous substances, 20150, n.o.s., polychlorinated biphenyls, 9, UN3077, 11</b>			<b>001 DT</b>		<b>18</b>	<b>y 261</b>	
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>WM Pkg A/c CA578935</b> <b>OSD: 12/10/09</b> <b>26590 Kgs</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator/Officer's Printed/Typed Name <b>X Ann V. Bauer</b>		Signature <b>X Ann V. Bauer</b>		Month Day Year <b>12 10 09</b>					
<b>TRANSPORTER</b>	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:						
	17. Transporter Acknowledgment of Receipt of Materials		Transporter 1 Printed/Typed Name <b>X Heli Villasehor</b>		Signature <b>X Heli Villasehor</b>		Month Day Year <b>12 10 09</b>		
<b>DESIGNATED FACILITY</b>	18. Discrepancy		18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection		Manifest Reference Number:				
	18b. Alternate Facility (or Generator)		U.S. EPA ID Number						
	Facility's Phone:		18c. Signature of Alternate Facility (or Generator)		Month Day Year				
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)		1. <b>H132</b>		2.		3.		
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a		Printed/Typed Name <b>Ramona Ramos</b>		Signature <b>R. Ramos</b>		Month Day Year <b>12 10 09</b>		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC02647778</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>570-967-1786</b>		4. Manifest Tracking Number <b>006299817 JJK</b>	
		5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606</b>		Generator's Site Address (if different than mailing address) <b>1009 66th Ave Oakland, CA</b>		Generator's Phone: <b>570-434-5100</b>			
6. Transporter 1 Company Name <b>X Remote Trucking (9038929)</b>		U.S. EPA ID Number <b>XCAR000180620</b>		7. Transporter 2 Company Name <b>(4HW1956)</b>		U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Hettlerman Hill Church Management 35251 Old Skyline Road Hettlerman City, CA</b>		U.S. EPA ID Number <b>9038929</b>		Facility's Phone: <b>559-386-6200</b>		U.S. EPA ID Number <b>CAT000646117</b>			
<b>GENERATOR</b>	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
					No.	Type			
	<b>X</b>	<b>1. RQ, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (polychlorinated biphenyls), 19, UN3077, III</b>			<b>001</b>	<b>DT</b>	<b>18</b>	<b>Y</b>	<b>24</b>
14. Special Handling Instructions and Additional Information <b>UN Profile CA 578935</b> <b>OSD: 12/10/09</b> <b>20130 kgs.</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name <b>Ann V BAUER</b>									
Signature <b>Ann V Bauer</b>									
Month Day Year <b>12 10 09</b>									
<b>TRANSPORTER</b>	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>X EDMOND ST LAURENT</b>									
Signature <b>X [Signature]</b>									
Month Day Year <b>12 10 09</b>									
Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year ____									
<b>DESIGNATED FACILITY</b>	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number: _____								
	18b. Alternate Facility (or Generator) U.S. EPA ID Number _____								
	Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H132</b> 2. _____ 3. _____ 4. _____									
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Ramona Ramos</b>									
Signature <b>R.R.</b>									
Month Day Year <b>12 10 09</b>									



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC002647778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>510-967-1786</b>		4. Manifest Tracking Number <b>006299812 JJK</b>		
5. Generator's Name and Mailing Address <b>Aspire Public Schools 1001 22nd Ave, Suite 100 Oakland, CA 94606</b>					Generator's Site Address (if different than mailing address) <b>1009 66th Ave Oakland, CA</b>				
Generator's Phone: <b>510-424-5100</b>					U.S. EPA ID Number <b>XCA00057740</b>				
6. Transporter-1 Company Name <b>WAMAM TRK</b>					U.S. EPA ID Number				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Hettlerman Hill (Waste Management) 35251 Old Skyline Road Hettlerman City, CA 92239</b>					U.S. EPA ID Number <b>CAT000646119</b> <b>CAT002646117</b>				
Facility's Phone: <b>559-386-6200</b>									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
					No.	Type			
	<b>X</b>	<b>1. RO, Environmentally hazardous substance, solid, n.o.s., (polychlorinated biphenyls), 9, UN 3077, III</b>			<b>001</b>	<b>DT</b>	<b>18</b>	<b>Y</b>	<b>261</b>
14. Special Handling Instructions and Additional Information <b>WM Profile: CA 578935</b> <b>7NB 1661 #69</b> <b>OSD: 12/10/09 24158 lbs.</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name <b>Ann V Bauer</b>					Signature <b>Ann V Bauer</b>		Month Day Year <b>12/10/09</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <b>X DWEST BTHIA</b>					Signature <b>X [Signature]</b>		Month Day Year <b>12/10/09</b>		
Transporter 2 Printed/Typed Name					Signature		Month Day Year		
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Manifest Reference Number:									
18b. Alternate Facility (or Generator)					U.S. EPA ID Number				
Facility's Phone:									
18c. Signature of Alternate Facility (or Generator)							Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Ginger Adams</b>					Signature <b>[Signature]</b>		Month Day Year <b>12/11/09</b>		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number G1005267776	2. Page 1 of 1	3. Emergency Response Phone 510-857-4765	4. Manifest Tracking Number <b>005417898 JJK</b>
5. Generator's Name and Mailing Address Aspire Public School 1001 22nd St. Ste. 101 Oakland, CA 94612			Generator's Site Address (if different than mailing address) 1009 65th Ave. Oakland CA 94635 USA		
6. Transporter 1 Company Name <b>X 18 TRUCKING</b>			U.S. EPA ID Number <b>X CAR000143875</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Waste Management, Inc. 30501 Old Skyline Road Kirkland City, WA 98033			U.S. EPA ID Number GA000316117		
Facility's Phone: 360-323-2711					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
		1. 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000, 7100, 7200, 7300, 7400, 7500, 7600, 7700, 7800, 7900, 8000, 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800, 8900, 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900, 10000, 10100, 10200, 10300, 10400, 10500, 10600, 10700, 10800, 10900, 11000, 11100, 11200, 11300, 11400, 11500, 11600, 11700, 11800, 11900, 12000, 12100, 12200, 12300, 12400, 12500, 12600, 12700, 12800, 12900, 13000, 13100, 13200, 13300, 13400, 13500, 13600, 13700, 13800, 13900, 14000, 14100, 14200, 14300, 14400, 14500, 14600, 14700, 14800, 14900, 15000, 15100, 15200, 15300, 15400, 15500, 15600, 15700, 15800, 15900, 16000, 16100, 16200, 16300, 16400, 16500, 16600, 16700, 16800, 16900, 17000, 17100, 17200, 17300, 17400, 17500, 17600, 17700, 17800, 17900, 18000, 18100, 18200, 18300, 18400, 18500, 18600, 18700, 18800, 18900, 19000, 19100, 19200, 19300, 19400, 19500, 19600, 19700, 19800, 19900, 20000, 20100, 20200, 20300, 20400, 20500, 20600, 20700, 20800, 20900, 21000, 21100, 21200, 21300, 21400, 21500, 21600, 21700, 21800, 21900, 22000, 22100, 22200, 22300, 22400, 22500, 22600, 22700, 22800, 22900, 23000, 23100, 23200, 23300, 23400, 23500, 23600, 23700, 23800, 23900, 24000, 24100, 24200, 24300, 24400, 24500, 24600, 24700, 24800, 24900, 25000, 25100, 25200, 25300, 25400, 25500, 25600, 25700, 25800, 25900, 26000, 26100, 26200, 26300, 26400, 26500, 26600, 26700, 26800, 26900, 27000, 27100, 27200, 27300, 27400, 27500, 27600, 27700, 27800, 27900, 28000, 28100, 28200, 28300, 28400, 28500, 28600, 28700, 28800, 28900, 29000, 29100, 29200, 29300, 29400, 29500, 29600, 29700, 29800, 29900, 30000, 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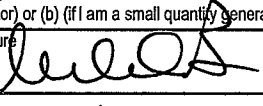
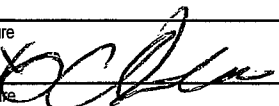
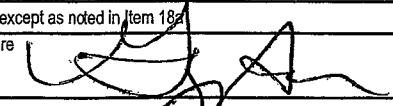


UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CA0010547778	2. Page 1 of 1	3. Emergency Response Phone 810-677-1785	4. Manifest Tracking Number 005417899 JJK	
5. Generator's Name and Mailing Address Aspen Public School 1001 23rd Ave. Ste. 100 Oakland, CA 94612		Generator's Site Address (if different than mailing address) 1001 23rd Ave. Oakland, CA 94612-2535 USA				
Generator's Phone: 510-534-5500						
6. Transporter 1 Company Name X 18 TRK		U.S. EPA ID Number X CAR000143875				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address Practical Waste Management, Inc. 35351 Old Highway Road Kalamazoo City, CA 93335		U.S. EPA ID Number CA000545117				
Facility's Phone: 209-885-8711						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1.	RD, Environmentally hazardous substance, solid, H.C.S. (polychlorinated biphenyls), 9, UN3077, III	1	CT	16	Y	261
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information Very proper PPE when handling waste Profile 04578333 as date 12-29-09, 22126 Kg.						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name M. DARR		Signature 		Month Day Year 12 29 09		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name X E. J. Adams		Signature X		Month Day Year 12 29 09		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator)		U.S. EPA ID Number				
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)					Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. H132		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a						
Printed/Typed Name Singer Adams		Signature 		Month Day Year 12 29 09		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC033-7773</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>510-237-1786</b>	4. Manifest Tracking Number <b>005417900 JJK</b>	
5. Generator's Name and Mailing Address <b>Choice Transportation</b> <b>1032 55th Ave.</b> <b>Oakland, CA 94608</b>			Generator's Site Address (if different than mailing address) <b>1032 55th Ave.</b> <b>Oakland, CA 94608 USA</b>			
Generator's Phone: <b>510-434-5000</b>						
6. Transporter 1 Company Name <b>X Choice Transportation</b>			U.S. EPA ID Number <b>CAR000184920</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Waste Management, Inc.</b> <b>3535 Old Highway Road</b> <b>Meriden, CT 06450</b>			U.S. EPA ID Number <b>CAT003-6117</b>			
Facility's Phone: <b>203-336-9711</b>						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
		1. RG. EN FOR VARIOUS HAZARDOUS SUBSTANCES, SOLID, N.O.S. (polymerized epichlorohydrin), 9, UN3377, III	1	DT	15	261
		2.				
		3.				
		4.				
14. Special Handling Instructions and Additional Information <b>OS date - 12-29-09, up 93915, 4FA8106, 20811 Kg</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <b>M. DAER</b>		Signature <i>[Signature]</i>		Month Day Year <b>12 29 09</b>		
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:			
	Transporter signature (for exports only):					
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name <b>X JOE Dominguez</b>		Signature <i>[Signature]</i>		Month Day Year <b>12 29 09</b>	
	Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy					
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
	Manifest Reference Number:					
	18b. Alternate Facility (or Generator) U.S. EPA ID Number					
	Facility's Phone:					
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Ramona Ramos</b>		Signature <i>[Signature]</i>		Month Day Year <b>12 29 09</b>		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC006347773</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>510-557-1785</b>	4. Manifest Tracking Number <b>005417901 JJK</b>	
5. Generator's Name and Mailing Address <b>Asphs Public School 1000 65th Ave. Oakland, CA 94606</b>			Generator's Site Address (if different than mailing address) <b>1000 65th Ave. Oakland, CA 94601-3335 USA</b>			
Generator's Phone: <b>510-434-8000</b>			<b>CAR 000 140 947</b>			
6. Transporter 1 Company Name <b>X Miller Trucking</b>			U.S. EPA ID Number <b>X CAC000140947</b>			
7. Transporter 2 Company Name <b>Miller Trucking</b>			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>California Waste Management, Inc. 35551 Old Bay View Road Kaiserston City, CA 94565</b>			U.S. EPA ID Number <b>CAC000140947</b>			
Facility's Phone: <b>707-325-9711</b>						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1.	<b>NO. EXTREMELY HAZARDOUS substance, solid, N.O.S. (polymerized)</b>	<b>1</b>	<b>DT</b>	<b>15</b>	<b>Y</b>
	2.					
	3.					
4.	<b>9B3481S T</b> <b>4EM6663</b>					
14. Special Handling Instructions and Additional Information <b>Wear proper PPE when handling waste</b> <b>Profile CAC00635</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <b>M. DARR</b>			Signature 		Month Day Year <b>12 29 09</b>	
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	17. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name <b>X Edward A. A.</b>		Signature 		Month Day Year <b>12 29 09</b>	
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy					
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
	Manifest Reference Number: _____					
	18b. Alternate Facility (or Generator) U.S. EPA ID Number					
	Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a						
Printed/Typed Name <b>Ginger Adams</b>			Signature 		Month Day Year <b>12 29 09</b>	

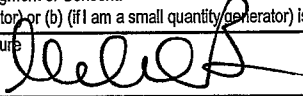
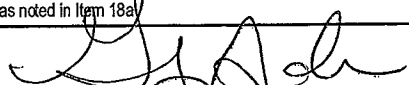


<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <i>CA000027778</i>		2. Page 1 of <i>1</i>		3. Emergency Response Phone <i>818-274-1785</i>		4. Manifest Tracking Number <b>005417927 JJK</b>			
		5. Generator's Name and Mailing Address <i>Apple Pumps &amp; Seals 1000 56th Ave., Ste. 100 Oakland, CA 94612</i>		Generator's Site Address (if different than mailing address) <i>1000 56th Ave. Oakland, CA 94612-3535 USA</i>							
6. Transporter 1 Company Name <i>Emilbon Trucking</i>		U.S. EPA ID Number <i>CA0000105890</i>		7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address <i>Chemical Waste Management, Inc. 25551 De Soto Road Cathlamet, WA 98333</i>		U.S. EPA ID Number <i>CA0000245117</i>		Facility's Phone: <i>206-285-2711</i>							
<b>GENERATOR</b>	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
						No.	Type				
		1. <i>RD, Environmentally hazardous substance, solid, N.O.S. (polyacrylate of styrene), B, UN3077, 11</i>				1	DT	15	Y	<i>261</i>	
		2.									
		3.									
	4.										
14. Special Handling Instructions and Additional Information <i>Visit proper PPE when handling waste</i> <i>Profile CA378235</i> <i>OS date 12-29-09, 231331kg</i>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Officer's Printed/Typed Name <i>M. DARR</i>											
Signature <i>[Signature]</i>											
Month Day Year <i>12/29/09</i>											
<b>INT'L</b>	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials										
<b>TRANSPORTER</b>	Transporter 1 Printed/Typed Name <i>X JESUS R GOMEZ</i>										
	Signature <i>X [Signature]</i>										
Transporter 2 Printed/Typed Name											
Signature											
Month Day Year <i>12/29/09</i>											
<b>DESIGNATED FACILITY</b>	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	Manifest Reference Number: _____										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number										
	Facility's Phone: _____										
18c. Signature of Alternate Facility (or Generator)											
Month Day Year											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <i>H137</i> 2. 3. 4.											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name <i>Ginger Adams</i>											
Signature <i>[Signature]</i>											
Month Day Year <i>12/29/09</i>											

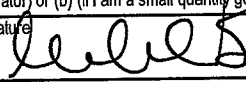
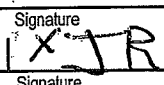
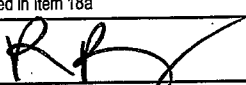


<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <i>CA000547776</i>		2. Page 1 of <i>1</i>		3. Emergency Response Phone <i>510-557-1785</i>		4. Manifest Tracking Number <b>005417928 JJK</b>			
		5. Generator's Name and Mailing Address <i>Aspen Public Storage 1001 55th Ave. S.E. Oakland, CA 94605</i>		Generator's Site Address (if different than mailing address) <i>1009 55th Ave. Oakland, CA 94621-3535 USA</i>							
6. Transporter 1 Company Name <i>X 8 mt Haid</i>		U.S. EPA ID Number <i>XCAR 000 105890</i>		7. Transporter 2 Company Name		U.S. EPA ID Number		8. Designated Facility Name and Site Address <i>Cheniere Waste Management, Inc. 35931 Old Skyline Road Kellenburg City, CA 95325</i>			
Generator's Phone: <i>510-551-2000</i>		U.S. EPA ID Number <i>CA1001545117</i>		Facility's Phone: <i>909-366-9711</i>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
						No.	Type				
		1. <i>RD, Environmentally hazardous substance, solid, N.O.S. (polybrominated biphenyls), 9, UN3077, III</i>				<i>1</i>	<i>DT</i>	<i>15</i>	<i>Y</i>	<i>241</i>	
		2.									
		3.									
	4.										
14. Special Handling Instructions and Additional Information <i>Wear proper PPE when handling waste</i> <i>Profile CA576925</i> <i>osdate 12-29-09, 23151 kg.</i>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name <i>M. DARR</i>								Signature <i>[Signature]</i>		Month Day Year <i>12 29 09</i>	
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <i>X Gerardo Miller</i> Signature <i>[Signature]</i> Month Day Year <i>12 29 09</i> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____										
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	Manifest Reference Number: _____ U.S. EPA ID Number _____										
	18b. Alternate Facility (or Generator) _____										
	Facility's Phone: _____										
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <i>H132</i> 2. _____ 3. _____ 4. _____											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19a Printed/Typed Name <i>Ginger Adams</i> Signature <i>[Signature]</i> Month Day Year <i>12 29 09</i>											



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <div style="text-align: center;">CAT000543117</div>		2. Page 1 of 4		3. Emergency Response Phone <div style="text-align: center;">510.632.4752</div>		4. Manifest Tracking Number <div style="text-align: center; font-size: 1.2em;"><b>005417929 JJK</b></div>	
		5. Generator's Name and Mailing Address Apple Public School 1701 22nd Ave., Ste. 101 Oakland, CA 94606 Generator's Phone: 510.434.5300							
6. Transporter 1 Company Name <div style="text-align: center; font-size: 1.2em;"><b>X MILLAN TRUCKING</b></div>								Generator's Site Address (if different than mailing address) 1009 68th Ave. Oakland, CA 94671-3525 USA	
7. Transporter 2 Company Name								U.S. EPA ID Number <div style="text-align: center; font-size: 1.2em;"><b>XCAR000140947</b></div>	
8. Designated Facility Name and Site Address Chemical Waste Management, Inc. 33351 Old Highway Road Kenton, CA 95635 Facility's Phone: 916.385.0711								U.S. EPA ID Number <div style="text-align: center;">CAT000543117</div>	
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
					No.	Type			
	1.	RD, Environmentally hazardous substance, solid, H.O.S. polychlorinated biphenyls, 2, UN2877, III			1	DT	15	7	261
	2.								
	3.								
4.									
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste. PPE: Goggles <div style="text-align: center; font-size: 1.2em;">Osdote 12-29-09, 22417 Kg.</div>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name <div style="text-align: center; font-size: 1.2em;"><b>M. DARR</b></div>					Signature 		Month Day Year <div style="text-align: center; font-size: 1.2em;"><b>12 29 09</b></div>		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ Transporter signature (for exports only): _____								
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <div style="text-align: center; font-size: 1.2em;"><b>X MILLAN CLARA</b></div> Transporter 2 Printed/Typed Name <div style="text-align: center; font-size: 1.2em;"><b>X</b></div>								
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ U.S. EPA ID Number: _____								
	18b. Alternate Facility (or Generator) Facility's Phone: _____								
	18c. Signature of Alternate Facility (or Generator) <div style="text-align: center; font-size: 1.2em;"><b>Ginger Adams</b></div>								
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <div style="text-align: center; font-size: 1.2em;"><b>H132</b></div> 2. _____ 3. _____ 4. _____								
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a. Printed/Typed Name <div style="text-align: center; font-size: 1.2em;"><b>Ginger Adams</b></div>								
Signature 					Month Day Year <div style="text-align: center; font-size: 1.2em;"><b>12 29 09</b></div>				



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CA00054776	2. Page 1 of	3. Emergency Response Phone 510-437-1787	4. Manifest Tracking Number <b>005417930 JJK</b>		
5. Generator's Name and Mailing Address ACME PAPER CORP. 1001 23rd Ave. Ste. 100 Oakland, CA 94612			Generator's Site Address (if different than mailing address) 1001 23rd Ave. Oakland, CA 94612-3535 USA				
Generator's Phone: 510-434-5000			U.S. EPA ID Number XCAR000105890				
6. Transporter 1 Company Name <b>X Millan Trucking</b>			U.S. EPA ID Number				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address Chemical Waste Management, Inc. 28331 Old Empire Road Kalamazoo City, CA 98239			U.S. EPA ID Number CA000546117				
Facility's Phone: 202-395-9711							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
		1. RC, Extremely Hazardous Substance, Solid, H.O.S. (polymerized styrenes), U. UN3377, III	1	DT	15	Y	261
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information Waste from PPE - non-hazardous waste Phone: 04578935  <b>os date 12-29-09, 25991kg.</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>M. DARR</b>			Signature 		Month Day Year <b>12/29/09</b>		
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	Transporter signature (for exports only): _____						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>X Jose Rivera</b>			Signature 		Month Day Year <b>12/29/09</b>	
	Transporter 2 Printed/Typed Name			Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number: _____ U.S. EPA ID Number						
	18b. Alternate Facility (or Generator)						
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator)					Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
	1. <b>H130</b>	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name <b>Ramona Ramos</b>			Signature 		Month Day Year <b>12/29/09</b>		



TRUCK # 2001

UP 99917

4F#W9235

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

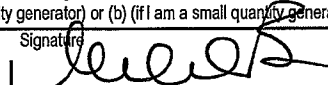
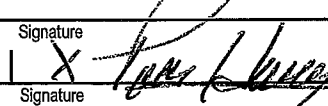
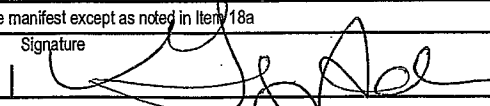
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number <b>005417931 JJK</b>	
5. Generator's Name and Mailing Address Aspire Public School 1001 32nd Ave. Ste. 100 Oakland, CA 94607 Generator's Phone: 510-464-2000		Generator's Site Address (if different than mailing address) 1009 65th Ave. Oakland, CA 94621-3636 USA				
6. Transporter 1 Company Name <b>X LEONARDO GONZALEZ</b>		U.S. EPA ID Number <b>DA2000189143</b>				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address CHENYONG Waste Management, Inc. 26351 Old Skyline Road Kaiserston City, CA 93333 Facility's Phone: 209-365-8711		U.S. EPA ID Number DA130045117				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. PO, Environmentally hazardous substance, solid, A.D.S. (polychlorinated biphenyls), B. UN3077, III	1	DT	15	Y	261
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste Prod's CA578935 <b>os date 12-29-09, 22090 Kg.</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>M. DARR</b>		Signature <i>[Signature]</i>		Month Day Year <b>12 29 09</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>X LEONARDO GONZALEZ</b> Signature <i>[Signature]</i> Month Day Year <b>12 29 09</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____						
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ 18b. Alternate Facility (or Generator) U.S. EPA ID Number _____ Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H132</b> 2. 3. 4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Ginger Adams</b> Signature <i>[Signature]</i> Month Day Year <b>12 29 09</b>						



9B76400

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

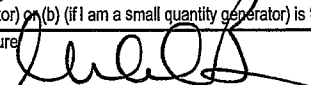
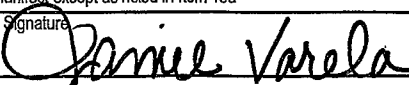
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CA0002647778	2. Page 1 of 1	3. Emergency Response Phone 510-657-1785	4. Manifest Tracking Number <b>005417932 JJK</b>		
5. Generator's Name and Mailing Address P & U Trucking 1000 65th Ave. Oakland, CA 94613			Generator's Site Address (if different than mailing address) 1000 65th Ave. Oakland, CA 94613-3535 USA				
Generator's Phone: 510-434-5000							
6. Transporter 1 Company Name <b>X P &amp; U TRUCKING</b>			U.S. EPA ID Number <b>XCAR000486076</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address Oakland Waste Management, Inc. 3000 Old Skyline Road Oakland, CA 94609			U.S. EPA ID Number CA000345117				
Facility's Phone: 508-383-5711							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
		1. RC, Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), 9, UN 3077, III	1	DT	15	Y	261
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste  Phone: 508-383-5711  os date 12-29-09, 22462kg.							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>M. DARR</b>							
Signature 							
Month Day Year <b>12/29/09</b>							
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
TRANSPORTER	Transporter 1 Printed/Typed Name <b>X Pedro Hernandez</b>						
	Signature 						
Transporter 2 Printed/Typed Name							
Signature							
Month Day Year <b>12/29/09</b>							
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number: _____						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number						
	Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)							
Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Ginger Adams</b>							
Signature 							
Month Day Year <b>12/29/09</b>							



EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



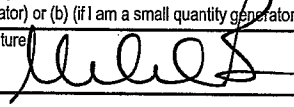
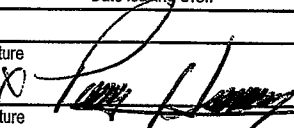
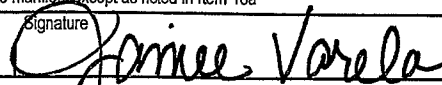
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CA0000547778	2. Page 1 of 1	3. Emergency Response Phone 510-937-1785	4. Manifest Tracking Number <b>005417902 JJK</b>		
5. Generator's Name and Mailing Address A3013 PULIDO BOULEVARD 1001 22nd Ave., Ste. 100 Oakland, CA 94612			Generator's Site Address (if different than mailing address) 1001 22nd Ave. Oakland, CA 94612-3555 USA				
Generator's Phone: 510-431-8000							
6. Transporter 1 Company Name <b>X ED SEXTON Trucking</b>			U.S. EPA ID Number <b>X CA0000182212</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address Kaiser Aluminum Refining Co., Inc. 3501 1st Avenue Kaiser City, CA 94558			U.S. EPA ID Number CA0000543117				
Facility's Phone: 925-355-9711							
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
		1. Environmentally hazardous substance, solid, H.O.S. (polychlorinated biphenyls), 9, UN2877, 3	1	DT	15	261	
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information View proper PPE when handling waste Pro's CA578835 <b>OSD: 12/30/09</b> <b>TRK# 349</b> <b>23932 K88.</b> <b>TRK 40#</b> <b>9038683</b> <b>TEL 40#</b> <b>4645639</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>M. DARR</b>			Signature 			Month Day Year <b>12 30 09</b>	
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
TRANSPORTER	Transporter 1 Printed/Typed Name <b>X ED SEXTON</b>			Signature <b>X E. Sexton</b>		Month Day Year <b>12 30 09</b>	
	Transporter 2 Printed/Typed Name			Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number: _____						
	18b. Alternate Facility (or Generator)			U.S. EPA ID Number			
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator)					Month Day Year	
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1. <b>H130</b>	2.	3.	4.			
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
	Printed/Typed Name <b>Janice Varela</b>			Signature 		Month Day Year <b>12 30 09</b>	



9B76400 4EG3061

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number 040000000000	2. Page 1 of 1	3. Emergency Response Phone 310-357-1723	4. Manifest Tracking Number <b>005417904 JJK</b>	
5. Generator's Name and Mailing Address Acme Public School 1001 5th Ave., Ste. 100 Oakland, CA 94603			Generator's Site Address (if different than mailing address) 1001 5th Ave. Oakland, CA 94603-1234 USA			
Generator's Phone: 510-424-3300						
6. Transporter 1 Company Name <b>P &amp; U Trucking</b>			U.S. EPA ID Number <b>XCARE00186676</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address California Waste Recycling Center, Inc. 55551 Old Skyline Road Kaiserston City, CA 93339			U.S. EPA ID Number 041000548-17			
Facility's Phone: 709-376-2711						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1.	RD, Environmentally hazardous substance, solid, n.o.s. (polybrominated biphenyls), 9, UN-3077, III	1	CT	13	Y
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste PPE: G/578035 <b>22462 kgs.</b> <b>OSD: 12/30/09</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offoror's Printed/Typed Name <b>M. PARR</b>			Signature 		Month Day Year <b>12 30 09</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	17. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name <b>X Radio Hernandez</b>		Signature 		Month Day Year <b>12 30 09</b>	
	Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy					
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____					
	Facility's Phone: _____					
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Jamie Varela</b>			Signature 		Month Day Year <b>12 30 09</b>	



TRUCK # 2001

UP99917

TRL 4FW 9233

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

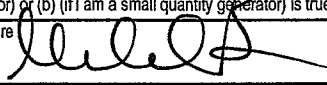
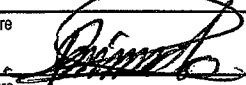
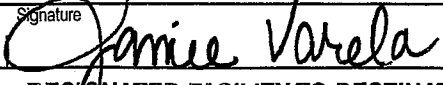
Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CA000347778	2. Page 1 of 1	3. Emergency Response Phone 510-557-1735	4. Manifest Tracking Number 005417905 JJK		
5. Generator's Name and Mailing Address Asuna Public School 1001 22nd Ave., Ste. 100 Oakland, CA 94612		Generator's Site Address (if different than mailing address) 1009 55th Ave. Oakland, CA 94612-3535 USA					
Generator's Phone: 510-341-1500							
6. Transporter 1 Company Name X LEPEDA BROTHERS TR		U.S. EPA ID Number CAR 000 184 143					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address Chemical Waste Management, Inc. 35351 Old Skyline Road Kaiserston City, CA 94539		U.S. EPA ID Number CA00005-5117					
Facility's Phone: 925-255-2711							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. RG. Environmentally hazardous substance, solid, M.O.S. (polyvinylchloride), 9, UN3077, 0		DT	15	Y	
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information Waste proper care when handling waste Phone CA575933		OSD: 12/30/09 20675 kgs.					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name M. DARR		Signature 		Month Day Year 12 30 09			
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
	Transporter signature (for exports only):						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name X GENARDO GONZALEZ	Signature 	Month Day Year 12 30 09				
TRANSPORTER	Transporter 2 Printed/Typed Name		Month Day Year				
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	18b. Alternate Facility (or Generator)		U.S. EPA ID Number				
	Facility's Phone:						
DESIGNATED FACILITY	18c. Signature of Alternate Facility (or Generator)		Month Day Year				
DESIGNATED FACILITY	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1. H130	2.	3.	4.			
DESIGNATED FACILITY	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
	Printed/Typed Name Ramona Ramos	Signature 		Month Day Year 12 30 09			

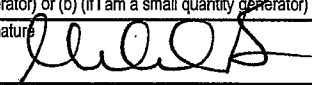
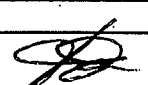
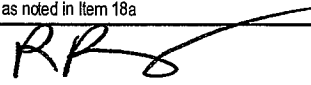


<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>242002647778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>510-337-1783</b>		4. Manifest Tracking Number <b>005417916 JJK</b>	
		5. Generator's Name and Mailing Address <b>Aspex Photo Service 1001 33rd Ave., Ste. 100 Carlsbad, CA 92008</b>		Generator's Site Address (if different than mailing address) <b>1001 33rd Ave. Carlsbad, CA 92008 USA</b>				
6. Transporter 1 Company Name <b>Millan Trucking</b>		U.S. EPA ID Number <b>CA00000140947</b>		7. Transporter 2 Company Name		U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>1001 33rd Ave., Ste. 100 Carlsbad, CA 92008</b>		U.S. EPA ID Number <b>CA70000140947</b>		Facility's Phone: <b>602-355-2711</b>				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. <b>RD, Environmentally hazardous substance, solid, A.C.S. (polychlorinated biphenyls), 2, UN3077, 1</b>			1		15	Y	201 2
	2. <b>9B34818</b>							
	3. <b>4GM6663</b>							
	4.							
14. Special Handling Instructions and Additional Information <b>Wear proper PPE when handling waste</b> <b>Phone 64578235</b> <b>OSO: 12/30/09</b> <b>22153 kg.</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name <b>M. DARR</b>				Signature <i>[Signature]</i>		Month Day Year <b>12 30 09</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <i>[Signature]</i>				Signature <i>[Signature]</i>		Month Day Year <b>12 30 09</b>		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator)						U.S. EPA ID Number		
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H130</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Ramona Ramos</b>				Signature <i>[Signature]</i>		Month Day Year <b>12 30 09</b>		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>C800028-7778</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>818-437-1788</b>		4. Manifest Tracking Number <b>005417917 JJK</b>	
		5. Generator's Name and Mailing Address <b>Agate Public School 1001 33rd Ave., Ste. 100 Oakland, CA 94605</b> Generator's Phone: <b>510-434-2300</b>		Generator's Site Address (if different than mailing address) <b>1009 33rd Ave. Oakland, CA 94605-5535 USA</b>				
6. Transporter 1 Company Name <b>X E. Miller TRUCKING</b>		U.S. EPA ID Number <b>CAR000105890</b>		7. Transporter 2 Company Name				
8. Designated Facility Name and Site Address <b>Chemical Waste Management, Inc. 35351 Old Skyline Road Newman City, CA 94560</b> Facility's Phone: <b>213-325-9711</b>		U.S. EPA ID Number <b>CAT0035-6117</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. <b>PO, Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), 9, UN3077, III</b>			1		DT	15	Y
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information <b>Wear proper PPE when handling waste</b> <b>Profile CASTER335</b> <b>22290 kgs.</b> <b>OSD: 12/30/09</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name <b>M DARR</b>				Signature 		Month Day Year <b>12 30 09</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>X JESUS R. GOMEZ</b>				Signature 		Month Day Year <b>12 30 09</b>		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number: _____								
18b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H132</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Jamie Varela</b>				Signature 		Month Day Year <b>12 30 09</b>		



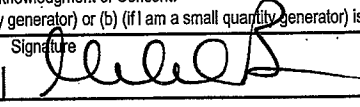
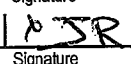
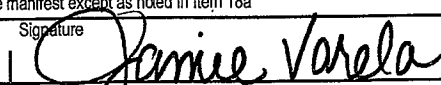
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>GAC0035 7778</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>510-637-4785</b>		4. Manifest Tracking Number <b>005417918 JJK</b>			
		5. Generator's Name and Mailing Address <b>Aspire Public School 1001 22nd Ave., Ste. 100 Oakland, CA 94609</b>						Generator's Site Address (if different than mailing address) <b>1001 22nd Ave. Oakland, CA 94609-3535 USA</b>			
6. Transporter 1 Company Name <b>✓ E. Miller</b>		U.S. EPA ID Number <b>XAR000105890</b>									
7. Transporter 2 Company Name		U.S. EPA ID Number									
8. Designated Facility Name and Site Address <b>California Waste Management, Inc. 2301 5th St., Ste. 100 Oakland, CA 94609</b>		U.S. EPA ID Number <b>4100000011</b>									
Facility's Phone: <b>510-335-9711</b>											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	1.	RD, Environmentally hazardous substance, solid, M.O.S. (polychlorinated biphenyls), 9, UN3077, III				1	DT	15	Y	2101 2101	
	2.										
	3.										
	4.										
14. Special Handling Instructions and Additional Information <b>Wear proper PPE when handling waste</b> <b>Phone: 510-637-4785</b> <b>23169 kgs.</b> <b>OSD: 12/30/09</b>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste-minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name <b>M. DARR</b>						Signature 		Month Day Year <b>12 30 09</b>			
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials										
TRANSPORTER	Transporter 1 Printed/Typed Name <b>✓ E. Miller</b>				Signature 		Month Day Year <b>12 30 09</b>				
	Transporter 2 Printed/Typed Name				Signature		Month Day Year				
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	Manifest Reference Number:										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number										
DESIGNATED FACILITY	Facility's Phone:										
	18c. Signature of Alternate Facility (or Generator) Month Day Year										
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
	1. <b>4132</b> 2. 3. 4.										
DESIGNATED FACILITY	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
	Printed/Typed Name <b>Ramona Ramos</b>				Signature 		Month Day Year <b>12 30 09</b>				



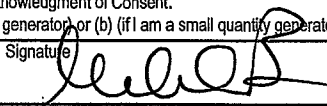
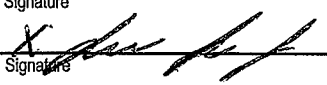
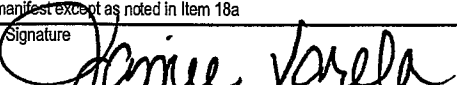
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<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <i>0A00034777</i>		2. Page 1 of 1		3. Emergency Response Phone <i>510-857-1783</i>		4. Manifest Tracking Number <b>005417919 JJK</b>				
		5. Generator's Name and Mailing Address <i>Aspire Public School 1001 55th Ave., Box 100 Oakland, CA 94613</i>								Generator's Site Address (if different than mailing address) <i>1003 55th Ave. Oakland, CA 94613-3535 USA</i>		
6. Transporter 1 Company Name <i>X MILLIAN TREKING</i>		Generator's Phone: <i>510-434-5000</i>						U.S. EPA ID Number <i>XCB2000 F40947</i>				
7. Transporter 2 Company Name								U.S. EPA ID Number				
8. Designated Facility Name and Site Address <i>Waste Management, Inc. 38351 Old Highway Road Kalamazoo City, CA 98332</i>		Facility's Phone: <i>208-325-2711</i>						U.S. EPA ID Number <i>0A10003-5117</i>				
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		1. <i>20 Emptying; hazardous substance, solid, A.O.S. (polychlorinated biphenyls), S. UN3077, W</i>				No.	Type	<i>15</i>	<i>Y</i>	<i>2161</i>		
		2.										
		3.										
		4.										
14. Special Handling Instructions and Additional Information <i>When proper PPE when handling waste</i> <i>Phone 0676835</i> <i>OSD: 12/30/09</i> <i>21137 lbs.</i> <i>OSD: 12/30/09</i>												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Officer's Printed/Typed Name <i>M. DARR</i>										Signature <i>[Signature]</i>		Month Day Year <i>12/30/09</i>
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
	Transporter signature (for exports only): _____											
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials											
	Transporter 1 Printed/Typed Name <i>X [Signature]</i>										Signature <i>[Signature]</i>	Month Day Year <i>12/30/09</i>
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name											
	18. Discrepancy <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
	18a. Discrepancy Indication Space											
	Manifest Reference Number: _____ U.S. EPA ID Number _____											
18b. Alternate Facility (or Generator)												
Facility's Phone: _____												
18c. Signature of Alternate Facility (or Generator)												
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. <i>H132</i> 2. 3. 4.												
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name <i>Janice Varela</i>										Signature <i>[Signature]</i>	Month Day Year <i>12/30/09</i>	
DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRE)												



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CA000547773	2. Page 1 of 1	3. Emergency Response Phone 510-557-1733	4. Manifest Tracking Number <b>005417920 JJK</b>	
5. Generator's Name and Mailing Address Ashe Public School 1001 17th Ave., Bld. 100 Oakland, CA 94612			Generator's Site Address (if different than mailing address) 1001 17th Ave. Oakland, CA 94612-3333 USA			
Generator's Phone: 510-434-2000			U.S. EPA ID Number *CAR-000105890			
6. Transporter 1 Company Name <b>XG Millan Trucking</b>			U.S. EPA ID Number			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Waste Management, Inc. 5555 Old Bay View Road Kendallman City, CA 93333			U.S. EPA ID Number CAR00545117			
Facility's Phone: 309-388-2711						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	1. RO, Environmentally hazardous substance, solid, N.O.S. polychlorinated biphenyls, R, UN3077, III	1 07	15	Y	261	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste 25174 kgs. OSD: 12/30/09						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>M. DARR</b>		Signature 		Month Day Year <b>12 30 09</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>X JES RIVERA</b>		Signature 		Month Day Year <b>12 30 09</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____ U.S. EPA ID Number						
18b. Alternate Facility (or Generator)						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a						
Printed/Typed Name <b>Jamie Varela</b>		Signature 		Month Day Year <b>12 30 09</b>		



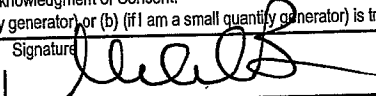
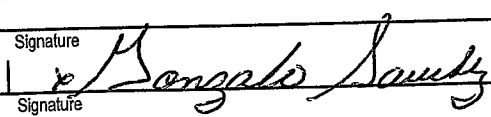
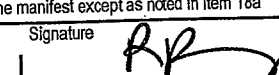
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC000017778</b>		2. Page 1 of 1		3. Emergency Response Phone <b>510-434-1785</b>		4. Manifest Tracking Number <b>005417921 JJK</b>			
		5. Generator's Name and Mailing Address <b>Asple Public School 1001 23rd Ave., Ste. 100 Oakland, CA 94605</b>		Generator's Site Address (if different than mailing address) <b>1009 25th Ave. Oakland, CA 94607-3337 USA</b>							
6. Transporter 1 Company Name <b>X MILLAN TRUCKING</b>		U.S. EPA ID Number <b>XCAR000140947</b>						7. Transporter 2 Company Name U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Chemical Waste Management, Inc. 35551 Old Bayview Road Kendallman City, CA 95535</b>		U.S. EPA ID Number <b>047000545-17</b>						Facility's Phone: <b>303-325-2711</b>			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		1. <b>RD, Environmentally Hazardous Substance, solid, H.O.S. (polychlorinated biphenyls), P, UN3077, III</b>				1		27	15	Y	<b>261</b>
		2.									
		3.									
		4.									
14. Special Handling Instructions and Additional Information <b>Wear proper PPE when handling waste</b> <b>Profile 34578835</b> <b>25437 kg.</b> <b>DSD: 12/30/09</b>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name <b>M. DARR</b>											
Signature 											
Month Day Year <b>12 30 09</b>											
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials										
TRANSPORTER	Transporter 1 Printed/Typed Name <b>X JUAN CLARA</b>										
	Signature 										
Month Day Year <b>12 30 09</b>											
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	Manifest Reference Number: _____										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number										
	Facility's Phone: _____										
18c. Signature of Alternate Facility (or Generator) Month Day Year											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <b>H132</b> 2. 3. 4.											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name <b>Janice Varela</b>											
Signature 											
Month Day Year <b>12 30 09</b>											



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <i>C42000188920</i>		2. Page 1 of 1		3. Emergency Response Phone <i>510-527-1722</i>		4. Manifest Tracking Number <b>005417922 JJK</b>				
		5. Generator's Name and Mailing Address <i>Aspire Public School 1001 22nd Ave., Ste. 100 Oakland, CA 94608</i>						Generator's Site Address (if different than mailing address) <i>1005 25th Ave. Oakland, CA 94621-3635 USA</i>				
Generator's Phone: <i>510-434-5000</i>		6. Transporter 1 Company Name <i>Choice Transportation</i>						U.S. EPA ID Number <i>C42000188920</i>				
		7. Transporter 2 Company Name						U.S. EPA ID Number				
8. Designated Facility Name and Site Address <i>San Mateo Waste Transfer Station, Inc. 33251 Old Skyline Road Kauwahu City, CA 94339</i>		Facility's Phone: <i>909-385-9711</i>						U.S. EPA ID Number <i>C42000188117</i>				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		1. <i>R3, Environmentally hazardous substance, solid, M.O.S. (polychlorinated biphenyls), 9, UN3077, III</i>				<i>1 DT</i>		<i>15</i>	<i>Y</i>	<i>261</i>		
		2.										
		3.										
		4.										
14. Special Handling Instructions and Additional Information <i>21437 K85 WPR 3915 4FA8106</i> <i>OSD: 12/30/09</i>												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offeror's Printed/Typed Name <i>M. DARR</i>										Signature <i>[Signature]</i>		Month Day Year <i>12 30 09</i>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____												
17. Transporter Acknowledgment of Receipt of Materials												
Transporter 1 Printed/Typed Name <i>JOE DOMINGUEZ</i>										Signature <i>[Signature]</i>		Month Day Year <i>12 30 09</i>
Transporter 2 Printed/Typed Name										Signature		Month Day Year
18. Discrepancy												
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
Manifest Reference Number: _____ U.S. EPA ID Number _____												
18b. Alternate Facility (or Generator)												
Facility's Phone: _____										Month Day Year		
18c. Signature of Alternate Facility (or Generator)												
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. <i>H130</i>				2.				3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name <i>Janice Varela</i>										Signature <i>[Signature]</i>		Month Day Year <i>12 30 09</i>

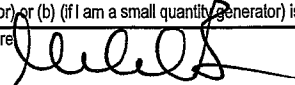
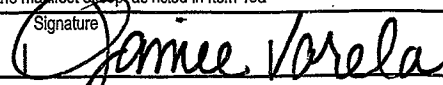


Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

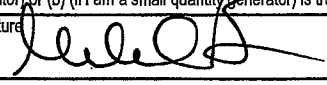
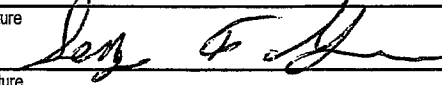
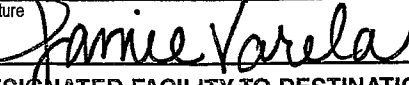
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC0054773</b>		2. Page 1 of 1	3. Emergency Response Phone <b>510-257-1755</b>		4. Manifest Tracking Number <b>005417923 JJK</b>			
		5. Generator's Name and Mailing Address <b>Aspen Public School 1001 23rd Ave., 9th Floor Oakland, CA 94605</b>		Generator's Site Address (if different than mailing address) <b>1001 23rd Ave. Oakland, CA 94605-3535 USA</b>						
6. Transporter 1 Company Name <b>X Sanchez Transport</b>		U.S. EPA ID Number <b>XCAR000175028</b>		7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Central Waste Management, Inc. 35551 Old Bayview Road Kallman City, CA 95335</b>		U.S. EPA ID Number <b>CAT000045117</b>		Facility's Phone: <b>916-255-2711</b>						
<b>GENERATOR</b>	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		1. <b>RD, Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), 9, UN3077, III</b>			1		DT	15	Y	<b>261</b>
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information <b>Wear proper PPE when handling waste Phone 54378935</b>										
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offoror's Printed/Typed Name <b>M. DARR</b>						Signature 		Month Day Year <b>12 30 09</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name <b>X Gonzalo Sanchez</b>						Signature 		Month Day Year <b>12 30 09</b>		
Transporter 2 Printed/Typed Name						Signature		Month Day Year		
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
Manifest Reference Number: _____ U.S. EPA ID Number _____										
18b. Alternate Facility (or Generator)										
Facility's Phone: _____								Month Day Year		
18c. Signature of Alternate Facility (or Generator)										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>H130</b>		2.		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a										
Printed/Typed Name <b>Ramona Ramos</b>						Signature 		Month Day Year <b>12 30 09</b>		

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC0002347778</b>		2. Page 1 of 1		3. Emergency Response Phone <b>510-537-1733</b>		4. Manifest Tracking Number <b>005417924 JJK</b>			
		5. Generator's Name and Mailing Address <b>ALP 1 Public School 1001 22nd Ave., Ste. 100 Oakland, CA 94605</b>		Generator's Site Address (if different than mailing address) <b>1001 22nd Ave. Oakland, CA 94605-2535 USA</b>							
Generator's Phone: <b>510-434-3000</b>		6. Transporter 1 Company Name <b>X 18 TRIK</b>						U.S. EPA ID Number <b>X CAC000143275</b>			
7. Transporter 2 Company Name								U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>WILSON WASTE MANAGEMENT, INC. 3833 Old Skyline Road Killedick City, CA 92335</b>								U.S. EPA ID Number <b>CAT000545117</b>			
Facility's Phone: <b>909-333-9711</b>											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		1. <b>NO. Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), 9, UN3077, III</b>				No.	Type				
		2.									
		3.									
		4.									
14. Special Handling Instructions and Additional Information <b>Waste proper EPA listed hazardous waste</b> <b>Phone 94578835</b> <b>22961 kgs.</b> <b>OSD: 12/30/09</b>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Officer's Printed/Typed Name <b>M. DARR</b>						Signature 			Month Day Year <b>12 30 09</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
17. Transporter Acknowledgment of Receipt of Materials											
Transporter 1 Printed/Typed Name <b>X [Signature]</b>						Signature <b>X [Signature]</b>			Month Day Year <b>12 30 09</b>		
Transporter 2 Printed/Typed Name						Signature			Month Day Year		
18. Discrepancy											
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
Manifest Reference Number: _____											
18b. Alternate Facility (or Generator) U.S. EPA ID Number											
Facility's Phone: _____											
18c. Signature of Alternate Facility (or Generator) Month Day Year											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <b>H132</b> 2. 3. 4.											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name <b>Janice Varela</b>						Signature 			Month Day Year <b>12 30 09</b>		

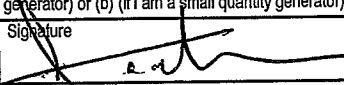
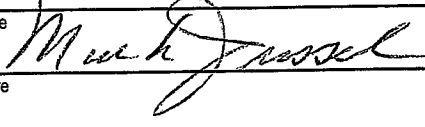
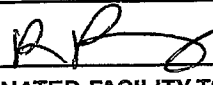


<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC000517778</b>		2. Page 1 of 1		3. Emergency Response Phone <b>510-637-1785</b>		4. Manifest Tracking Number <b>005417925 JJK</b>			
		5. Generator's Name and Mailing Address <b>Aspire Public School 1001 32nd Ave., Ste. 103 Oakland, CA 94612</b>		Generator's Site Address (if different than mailing address) <b>1001 32nd Ave. Oakland, CA 94612-3535 USA</b>							
6. Transporter 1 Company Name <b>X 18 Trucking</b>		U.S. EPA ID Number <b>KCAR000143875</b>									
7. Transporter 2 Company Name		U.S. EPA ID Number									
8. Designated Facility Name and Site Address <b>Greenleaf Waste Management, Inc. 35151 Old Skyline Road Kathlamet City, CA 95552</b>		U.S. EPA ID Number <b>CAT000645117</b>									
Facility's Phone: <b>202-355-9711</b>											
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
						No.	Type				
	1.	RD, Environmentally hazardous substance, solid, H.C.B. (polychlorinated biphenyls), B, UN3077, III				1	OT	15	Y	269	
	2.										
	3.										
	4.										
14. Special Handling Instructions and Additional Information <b>Wear proper PPE when handling waste</b> <b>21146 kgs.</b> <b>9E24024 OSD: 12/30/09</b>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offoror's Printed/Typed Name <b>M. DARR</b>						Signature 		Month Day Year <b>12 30 09</b>			
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>X SERGIO F GARCIA</b> Signature  Month Day Year <b>12 30 09</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____										
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number _____										
	Facility's Phone: _____										
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <b>H132</b>		2.		3.		4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Jamie Varela</b> Signature  Month Day Year <b>12 30 09</b>											



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <i>CA7002547728</i>		2. Page 1 of <i>1</i>		3. Emergency Response Phone <i>510.627.4783</i>		4. Manifest Tracking Number <b>005417926 JJK</b>			
		5. Generator's Name and Mailing Address <i>Ashe Ridge School 1001 Ford Ave., Ste. 100 Oakland, CA 94613</i>		Generator's Site Address (if different than mailing address) <i>1001 Ford Ave. Oakland, CA 94613-3535 USA</i>							
Generator's Phone: <i>510-434-3000</i>											
6. Transporter 1 Company Name <i>X 18 TRUCKING</i>		U.S. EPA ID Number <i>XCAR000143873</i>									
7. Transporter 2 Company Name		U.S. EPA ID Number									
8. Designated Facility Name and Site Address <i>33551 Old Skyline Road Kellenburg City, CA 93239</i>		U.S. EPA ID Number <i>CA7002543117</i>									
Facility's Phone: <i>509-323-9711</i>											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
						No.	Type				
		1. <i>AC, Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), R, UN3077, III</i>				1	MT	15	Y	<i>261</i> <i>RP</i>	
		2.									
		3.									
		4.									
14. Special Handling Instructions and Additional Information <i>When proper EPA label handling used</i> <i>OSD: 12/30/09 20539 kgs.</i> <i>Phone CA978835 VP37561 HFE0342 TRD#204</i>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name <i>M. DARR</i>						Signature <i>[Signature]</i>		Month Day Year <i>12 30 09</i>			
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials										
TRANSPORTER	Transporter 1 Printed/Typed Name <i>X ROBIN FABRY</i>						Signature <i>X Robin Fabry</i>		Month Day Year <i>12 30 09</i>		
	Transporter 2 Printed/Typed Name						Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	Manifest Reference Number:										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number										
	Facility's Phone:										
	18c. Signature of Alternate Facility (or Generator)								Month Day Year		
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
	1. <i>H132</i>		2.		3.		4.				
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
	Printed/Typed Name <i>Ramona Ramos</i>						Signature <i>RP</i>		Month Day Year <i>12 30 09</i>		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CAC006547778	2. Page 1 of 1	3. Emergency Response Phone 510-557-1755	4. Manifest Tracking Number <b>005417523 JJK</b>	
5. Generator's Name and Mailing Address Aspen Public School 1001 22nd Ave., Ste. 100 Oakland, CA 94603			Generator's Site Address (if different than mailing address) 1009 52th Ave. Oakland, CA 94621-3535 USA			
Generator's Phone: 510-434-9057			U.S. EPA ID Number			
6. Transporter 1 Company Name <b>MAJOR</b>			CAR006111062			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address California Waste Management, Inc. 3939 Old Skyline Road Newman City, CA 95828			U.S. EPA ID Number CAT006545117			
Facility's Phone: 209-395-2711						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
1.	PO, Environmentally hazardous substance, solid, N.C.E. (polymerized biphenyl), 9, UN3077, 2	1	DT	15	Y	1011
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information Waste proper GPE when handling waste Phone 02676835 015 Date - 3-25-10 21991 Kg OPC 3/25						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <b>Jonathan FAYSPNE</b>				Signature 		Month Day Year <b>3 25 10</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____				
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>MARK JUSSEL</b>				Signature 		Month Day Year <b>3 25 10</b>
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator)						U.S. EPA ID Number
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)						Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H137 H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a						
Printed/Typed Name <b>Ramona Ramos</b>				Signature 		Month Day Year <b>3 25 10</b>



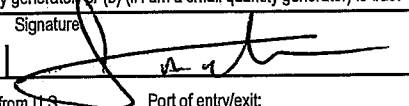
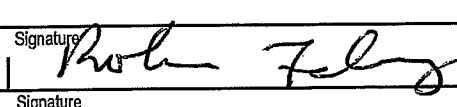
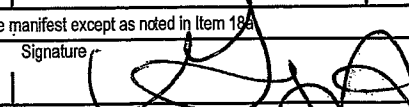
EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number 040003647775	2. Page 1 of 1	3. Emergency Response Phone 510-537-1783	4. Manifest Tracking Number <b>005417530 JJK</b>		
5. Generator's Name and Mailing Address Asphe Public School 1001 65th Ave., Ste. 102 Oakland, CA 94606			Generator's Site Address (if different than mailing address) 1001 65th Ave. Oakland, CA 94621-5535 USA				
Generator's Phone: 510-434-5057							
6. Transporter 1 Company Name <i>S. Miller</i>			U.S. EPA ID Number <b>CAA000105820</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address 38001 Old Shiloh Road Kaiserston City, CA 95535 Facility's Phone: 909-323-8711			U.S. EPA ID Number CA000035117				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
			No.	Type			
		1. R1, Environmentally hazardous substance, solid, A.Q.S. (polychlorinated biphenyls), 9, UN3077, III	1	DT	15	V	
		2.					
		3.					
		4.					
13. Waste Codes <b>611</b>							
14. Special Handling Instructions and Additional Information Waste proper PPE when handling waste PPE 04578335 <b>015 DATE - 3-24-10</b> <b>21290 kg</b> <i>OPH</i>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <i>JONATHAN FAUSTINE</i>			Signature <i>[Signature]</i>		Month Day Year <b>03 24 10</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <i>Gerard Miller</i>			Signature <i>[Signature]</i>		Month Day Year <b>03 25 10</b>		
Transporter 2 Printed/Typed Name			Signature		Month Day Year		
TRANSPORTER INTL	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____						
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____						
DESIGNATED FACILITY	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1. <i>H132</i>	2.	3.	4.			
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
	Printed/Typed Name <i>Lamona Ramos</i>			Signature <i>[Signature]</i>		Month Day Year <b>03 25 10</b>	

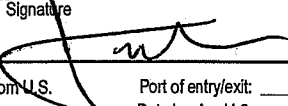
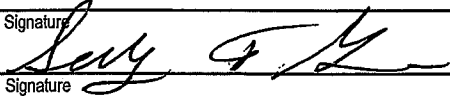



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CAC000247778	2. Page 1 of 1	3. Emergency Response Phone 510-957-1725	4. Manifest Tracking Number <b>005417532 JJK</b>	
		5. Generator's Name and Mailing Address Aspire Public School 1001 23rd Ave., Ste. 100 Oakland, CA 94605 Generator's Phone: 510-434-5057				
Generator's Site Address (if different than mailing address) 1009 55th Ave. Oakland, CA 94621-3535 USA					U.S. EPA ID Number CAR000143875	
6. Transporter 1 Company Name <b>IB TRUCKING</b>					U.S. EPA ID Number	
7. Transporter 2 Company Name					U.S. EPA ID Number	
8. Designated Facility Name and Site Address Columbia Waste Management, Inc. 35251 Old Skyline Road Kettleman City, CA 93239 Facility's Phone: 309-355-9711					U.S. EPA ID Number CA7000545117	
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
		1. RO, Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), B, UN3077, III	1	DT	15	Y
		2.				
		3.				
		4.				
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste Profile CA576835 TRK# 204 VP37561 4FE0342 20557kg, Osdats 3-24-10 8/26/10 3/26						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <b>JONATHAN FARSONE</b>					Signature  Month Day Year <b>03 24 10</b>	
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____					
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>ROBIN FARLEY</b> Signature  Month Day Year <b>03 26 10</b> Transporter 2 Printed/Typed Name Signature Month Day Year					
TRANSPORTER	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ U.S. EPA ID Number _____					
	18b. Alternate Facility (or Generator) Facility's Phone: _____ U.S. EPA ID Number _____					
	18c. Signature of Alternate Facility (or Generator) Month Day Year					
DESIGNATED FACILITY	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H132</b> 2. 3. 4.					
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Ginger Adams</b> Signature  Month Day Year <b>03 26 10</b>					
	DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)					



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAC002547778</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>510-557-1785</b>	4. Manifest Tracking Number <b>005417531 JJK</b>	
		5. Generator's Name and Mailing Address <b>Aspire Public School 1001 22nd Ave., Ste. 100 Oakland, CA 94605</b> Generator's Phone: <b>510-324-0057</b>				
6. Transporter 1 Company Name <b>18 TRK</b>					U.S. EPA ID Number <b>CAR000143875</b>	
7. Transporter 2 Company Name					U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Chemical Waste Management, Inc. 35351 Old Skyline Road Kellenburg City, CA 93339</b> Facility's Phone: <b>309-385-8711</b>					U.S. EPA ID Number <b>CAT000545117</b>	
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1.	RG, Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), 9, UN3077, III	1	DT	15	Y
	2.					
	3.					
	4.					
13. Waste Codes <b>611</b>						
14. Special Handling Instructions and Additional Information <b>Wear proper PPE when handling waste</b> <b>Profil 04578835</b> <b>21909Kg. O.S. date 3-24-10</b> <i>[Signature]</i> <b>3/25</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name <b>JONATHAN FAUSTINE</b>					Signature <i>[Signature]</i> Month Day Year <b>03 24 10</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <i>[Signature]</i> Signature <i>[Signature]</i> Month Day Year <b>03 24 10</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____					
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ U.S. EPA ID Number _____					
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____ Facility's Phone: _____					
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____					
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H132</b> 2. _____ 3. _____ 4. _____					
	20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19a Printed/Typed Name <b>Ginger Adams</b> Signature <i>[Signature]</i> Month Day Year <b>03 26 10</b>					



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CAC000347776	2. Page 1 of 1	3. Emergency Response Phone 510-567-1725	4. Manifest Tracking Number <b>005417528 JJK</b>
5. Generator's Name and Mailing Address Aspire Public School 1001 32nd Ave., Ste. 100 Oakland, CA 94605			Generator's Site Address (if different than mailing address) 1009 65th Ave. Oakland, CA 94621-2555 USA		
Generator's Phone: 510-434-5067					
6. Transporter 1 Company Name <b>18 TRUCKING</b>			U.S. EPA ID Number <b>CAR000143875</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Central Waste Management, Inc. 33251 Old Skyline Road Kallman City, CA 95233			U.S. EPA ID Number CAT000345117		
Facility's Phone: 909-385-3711					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
		1. RQ, Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), 2. UN3077, III	1	DT	15
		2.			
		3.			
		4.			
13. Waste Codes <b>61</b>					
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste Phone 909-385-3711 <b>21010kg. osdate 3-24-10</b> <b>TAL GT81142 TRUCK 9524024</b> <b>8 Peter 3/25</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offor's Printed/Typed Name <b>Jonathan FAUSTINE</b>			Signature 		Month Day Year <b>03 29 10</b>
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____				
	17. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <b>SERGIO F GARCIA</b>		Signature 		Month Day Year <b>3 26 10</b>
	Transporter 2 Printed/Typed Name		Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy				
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	Manifest Reference Number:				
	18b. Alternate Facility (or Generator)			U.S. EPA ID Number	
	Facility's Phone:				
	18c. Signature of Alternate Facility (or Generator)			Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
	1. <b>H132</b>	2.	3.	4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>Ginger Adams</b>			Signature 		Month Day Year <b>3 26 10</b>



TRUCK 18573 TRAILOR Licence 4JB5342

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

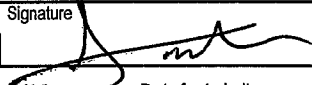
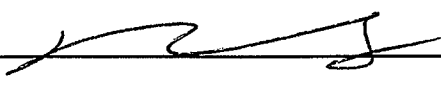

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		Generator ID Number CAC006347778	2. Page 1 of 1	3. Emergency Response Phone 510-357-1765	4. Manifest Tracking Number 005417527 JJK		
5. Generator's Name and Mailing Address Aspire Public School 1001 32nd Ave., Ste. 100 Oakland, CA 94605			Generator's Site Address (if different than mailing address) 1009 66th Ave. Oakland, CA 94621-3525 USA				
Generator's Phone: 510-434-5157							
6. Transporter 1 Company Name BHATTI TRUCKING			U.S. EPA ID Number CAR000199265				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address Chemical Waste Management, Inc. 55251 Old Skyline Road Rafsanjani City, CA 93239			U.S. EPA ID Number CAT000645117				
Facility's Phone: 303-325-2711							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	1. R2, Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), 9, UN3077, 3	1	DT	15	Y	1011	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste Phone CAC573835 23297kg. os date 3-24-10 J P 3/25/10							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name JONATHAN FAUSTINE			Signature 		Month Day Year 03/24/10		
16. International Shipments <input type="checkbox"/> Import to U.S. <input checked="" type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name LAKHVI SINGH			Signature Lakhvir Singh		Month Day Year 3/25/10		
Transporter 2 Printed/Typed Name			Signature		Month Day Year		
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H132		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Ramona Ramos			Signature RR		Month Day Year 3/26/10		



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <i>CAC003547778</i>	2. Page 1 of <i>1</i>	3. Emergency Response Phone <i>510-567-1735</i>	4. Manifest Tracking Number <b>005417526 JJK</b>	
		5. Generator's Name and Mailing Address <i>Aspire Public School 1001 32nd Ave., Ste. 100 Oakland, CA 94605</i>				
		Generator's Site Address (if different than mailing address) <i>1005 55th Ave. Oakland, CA 94621-3335 USA</i>				
Generator's Phone: <i>510-434-8057</i>						
6. Transporter 1 Company Name <i>SURJEET SINGH TRK</i>		U.S. EPA ID Number <i>CAR000190959</i>				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address <i>Greenwood Waste Management, Inc. 55251 Old Skyline Road Kalamazoo City, CA 93339</i>		U.S. EPA ID Number <i>GAT000345117</i>				
Facility's Phone: <i>303-585-9711</i>						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
		1. <i>RQ, Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), 3, UN3077, III</i>	<i>1</i>	<i>OT</i>	<i>15</i>	<i>Y</i>
		2.				
		3.				
		4.				
13. Waste Codes <i>611</i>						
14. Special Handling Instructions and Additional Information <i>Wear proper PPE when handling waste</i> <i>TRK 9D38861</i> <i>SP 3/25</i> <i>Phone 510-567-1735</i> <i>23641 Kg. osdab 3-24-18 4JB5343</i>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <i>JONATHAN FAUSONE</i>		Signature <i>[Signature]</i>		Month Day Year <i>03 24 10</i>		
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____			
	Transporter signature (for exports only): _____					
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name <i>SURJEET SINGH</i>		Signature <i>[Signature]</i>		Month Day Year <i>03 25 10</i>	
	Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy					
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
	Manifest Reference Number: _____					
	18b. Alternate Facility (or Generator) U.S. EPA ID Number					
	Facility's Phone: _____					
	18c. Signature of Alternate Facility (or Generator)					Month Day Year
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
	1. <i>H302</i>	2.	3.	4.		
	20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
	Printed/Typed Name <i>Ramona Ramas</i>		Signature <i>[Signature]</i>		Month Day Year <i>03 26 10</i>	



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CA0006547778</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>810-957-1735</b>		4. Manifest Tracking Number <b>005417525 JJK</b>				
		5. Generator's Name and Mailing Address <b>Aspire Public School 1001 22nd Ave., Ste 100 Oakland, CA 94606</b>		Generator's Site Address (if different than mailing address) <b>1009 55th Ave. Oakland, CA 94621-3535 USA</b>								
6. Transporter 1 Company Name <b>ROAD RUNNER TRUCK LINES</b>		U.S. EPA ID Number <b>CA0000184531</b>										
7. Transporter 2 Company Name		U.S. EPA ID Number										
8. Designated Facility Name and Site Address <b>CHEMICAL WASTE MANAGEMENT, INC. 35251 Old Skyline Road Kathlamet City, CA 98333</b>		U.S. EPA ID Number <b>CA000646117</b>										
Facility's Phone: <b>360-385-9711</b>												
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
						No.	Type					
		1. <b>RQ, Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), P, UN3077, III</b>				<b>1</b>	<b>DT</b>	<b>15</b>	<b>Y</b>	<b>611</b>		
		2.										
		3.										
	4.											
14. Special Handling Instructions and Additional Information <b>Wear proper PPE when handling waste</b> <b>33720 kg, MSD data 3-24-10</b> <b>UP69228 #777 SP with 3/25</b>												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offor's Printed/Typed Name <b>JONATHAN FARNDE</b> Signature  Month <b>03</b> Day <b>24</b> Year <b>10</b>												
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>ARMAR-S. GCSAL</b> Signature  Month <b>03</b> Day <b>25</b> Year <b>10</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____											
TRANSPORTER	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____											
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____ Facility's Phone: _____											
DESIGNATED FACILITY	18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____											
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H132</b> 2. _____ 3. _____ 4. _____											
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Ramona Ramos</b> Signature  Month <b>03</b> Day <b>26</b> Year <b>10</b>											



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<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number CA0005547778	2. Page 1 of 1	3. Emergency Response Phone 510-257-1785	4. Manifest Tracking Number <b>005417524 JJK</b>		
5. Generator's Name and Mailing Address Asola Public School 1001 22nd Ave., Ste. 100 Oakland, CA 94606			Generator's Site Address (if different than mailing address) 1000 66th Ave. Oakland, CA 94621-2535 USA				
Generator's Phone: 510-434-5057							
6. Transporter 1 Company Name <b>NAMAN Trucking</b>			U.S. EPA ID Number CA000154740				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address Universal Waste Management, Inc. 35251 Old Skyline Road Kalamien City, LA 53239			U.S. EPA ID Number CA000546117				
Facility's Phone: 502-385-9711							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
	1. RQ, Environmentally hazardous substance, solid, N.O.S. (polychlorinated biphenyls), B, UN3077, III	1	DT	15	Y	6011	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information Wear proper PPE when handling waste  OSP: 3/24/10 20276 KRS JPH: CA573235 JPH: CA573235 JPH: CA573235							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>JONATHAN FAUSTINE</b>			Signature 		Month Day Year <b>03/29/10</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input checked="" type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Rodney Carpenter</b>			Signature 		Month Day Year <b>3/25/10</b>		
Transporter 2 Printed/Typed Name			Signature		Month Day Year		
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Ginger Adams</b>			Signature 		Month Day Year <b>3/26/10</b>		





Arr.Date	Manifest	Profile	RCV Gross Weight	RCV Tare Weight	RCV Net Weight	Net Tons	Gen. Name
11/19/2009	006299826JJK	CA578935	75280	31960	43320	21.66	ASPIRE PUBLIC SCHOOLS
	006299827JJK	CA578935	77360	32040	45320	22.66	ASPIRE PUBLIC SCHOOLS
	006299829JJK	CA578935	80360	30600	49760	24.88	ASPIRE PUBLIC SCHOOLS
	006299830JJK	CA578935	91200	32020	59180	29.59	ASPIRE PUBLIC SCHOOLS
	006299831JJK	CA578935	76560	29540	47020	23.51	ASPIRE PUBLIC SCHOOLS
	006299832JJK	CA578935	80580	32600	47980	23.99	ASPIRE PUBLIC SCHOOLS
TOTAL COUNT	6				292580	146.29	
11/20/2009	006299828JJK	CA578935	81700	30160	51540	25.77	ASPIRE PUBLIC SCHOOLS
	006299833JJK	CA578935	64220	34060	30160	15.08	ASPIRE PUBLIC SCHOOLS
	006299834JJK	CA578935	71340	33660	37680	18.84	ASPIRE PUBLIC SCHOOLS
TOTAL COUNT	3				119380	59.69	
12/10/2009	006299813JJK	CA578935	80200	34840	45360	22.68	ASPIRE PUBLIC SCHOOLS
	006299814JJK	CA578935	79820	32540	47280	23.64	ASPIRE PUBLIC SCHOOLS
	006299815JJK	CA578935	78960	30560	48400	24.2	ASPIRE PUBLIC SCHOOLS
	006299816JJK	CA578935	91000	32380	58620	29.31	ASPIRE PUBLIC SCHOOLS
	006299817JJK	CA578935	77000	32620	44380	22.19	ASPIRE PUBLIC SCHOOLS
TOTAL COUNT	5				244040	122.02	
12/11/2009	006299812JJK	CA578935	84060	30800	53260	26.63	ASPIRE PUBLIC SCHOOLS
TOTAL COUNT	1				53260	26.63	
Total Documents:							
TOTAL COUNT	15				709260	354.63	
*** END OF REPORT ***							



Appendix C

Grading Plan





ARCHITECTURE  
+ INTERIORS

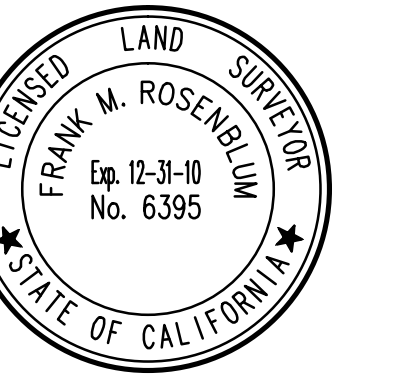
444 DeHaro Street, Suite 220  
San Francisco, CA 94107  
tel 415.487.6900  
fax 415.487.6909

Client  
College for Certain, LLC

Project Name  
Aspire 66th Ave

1009 66th Ave.  
Oakland, CA 94621

Consultants  
**UNDERWOOD & ROSENBLUM, INC.**  
civil engineers and surveyors  
PROJECT NO. J05035  
PLOT DATE: 6-16-2010



Sheet Name  
TOPOGRAPHIC  
BOUNDARY SURVEY

Approval Stamp

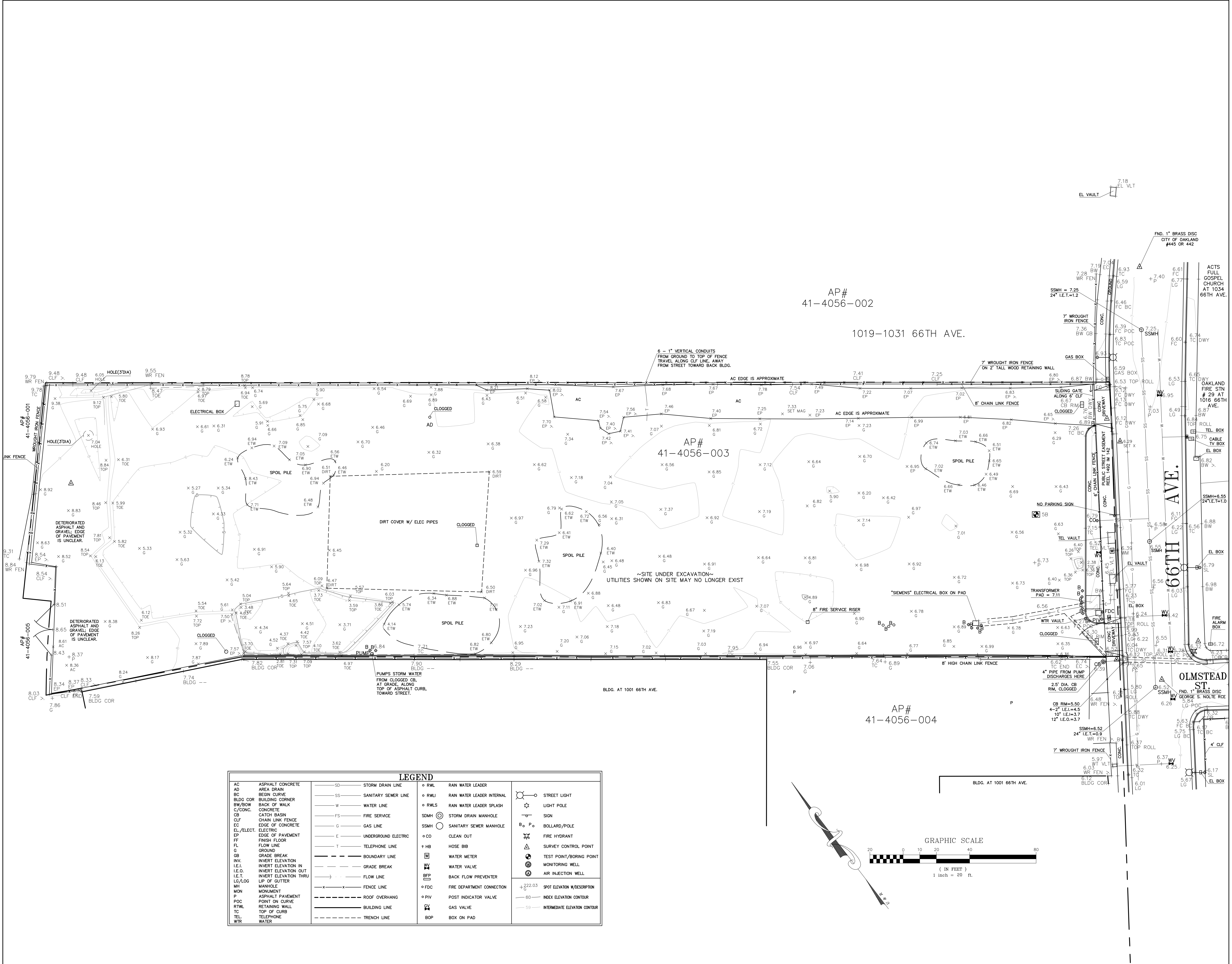
Revisions

Sheet Information  
Drawing Scale: 1"=20'  
Drawn By: MM/FR

Project Information  
Date: 06/18/2010  
Status: Inc.1 Permit Sub.  
Project Number: 1005

Sheet

1-C1.0





**SOIL MANAGEMENT PLAN**  
FORMER PACIFIC ELECTRIC MOTORS SITE, 1009 66TH AVENUE, OAKLAND, CALIFORNIA

1. SOIL REMEDIATION

TPH, PCBs, AND METALS WERE DETECTED IN SOIL AT SEVERAL LOCATIONS AT THE SITE ABOVE THE CLEANUP GOALS. SOIL EXCAVATION AND OFF-SITE DISPOSAL HAS TAKEN PLACE AT SEVERAL AREAS ACROSS THE SITE (FIGURE 2). AS A RESULT OF THIS WORK, IT IS UNLIKELY THAT AFFECTED SOIL WILL BE ENCOUNTERED DURING SITE REDEVELOPMENT ACTIVITIES.

THE MOST LIKELY LOCATION FOR AFFECTED SOIL TO BE ENCOUNTERED DURING REDEVELOPMENT ACTIVITIES IS ALONG THE PROPERTY BOUNDARY AT THE NORTHWESTERN PORTION OF EXCAVATION PCB3 AND THE PROPERTY BOUNDARY AT THE NORTHEASTERN PORTION OF EXCAVATION EXC4 (SEE FIGURE 2).

2.SOIL MANAGEMENT PROTOCOLS

THE FOLLOWING SECTIONS PRESENT THE MANAGEMENT PROTOCOLS FOR HANDLING, MOVING, STOCKPILING, AND REUSING NATIVE SOIL DURING AND FOLLOWING THE DEVELOPMENT AT THE SITE. CONTINGENCY PROTOCOLS TO BE FOLLOWED WHEN UNKNOWN CONTAMINATION OR UNDERGROUND STRUCTURES ARE IDENTIFIED ARE ALSO PRESENTED.

2.1 OVERVIEW OF SOIL DISTURBANCE ACTIVITIES

ACTIVITIES CAUSING SOIL DISTURBANCE ANTICIPATED AT THE SITE INCLUDE: SITE GRADING; GRUBBING; REMOVING/INSTALLING UNDERGROUND UTILITIES AND UTILITY PIPELINE REPAIR ACTIVITIES; PLANTING TREES; INSTALLING FOUNDATIONS, UNDERGROUND SHELTERS, GARAGES, OR BASEMENTS; AND PERFORMING OTHER CONSTRUCTION ACTIVITIES. THE ELEVATION OF THE SITE RANGES FROM APPROXIMATELY 12 TO 14 FEET ABOVE MEAN SEA LEVEL (MSL). CFC PROPOSES TO IMPORT CLEAN, ENGINEERED FILL TO "BALANCE" THE SITE. A GRADING PLAN WAS NOT AVAILABLE AT THE TIME OF THE PREPARATION OF THIS SMP. A GRADING PLAN WILL BE PREPARED BY OTHERS (UNDER THE DIRECTION OF CFC) AND SUBMITTED UNDER SEPARATE COVER. REQUIREMENTS FOR IMPORTED FILL MATERIALS ARE DISCUSSED IN MORE DETAIL IN SECTION 5.4.

GROUNDWATER WAS PREVIOUSLY ENCOUNTERED BETWEEN APPROXIMATE DEPTHS OF 3 TO 15 FEET BELOW GROUND SURFACE (BGS; LFR 2009a). THE PROJECT OWNER WILL NOT USE GROUNDWATER DURING CONSTRUCTION. ANY GROUNDWATER ENCOUNTERED WILL BE SAMPLED PRIOR TO OFF-SITE DISPOSAL, IF NECESSARY, AND HANDLED IN ACCORDANCE WITH THE PROTOCOLS PRESENTED IN THE SWPPP (PRESENTED UNDER SEPARATE COVER).

2.2 NOTIFICATIONS

THE PERSONS IDENTIFIED IN THE TABLE BELOW MUST BE NOTIFIED WITHIN 48 HOURS IF SUBSURFACE DISTURBANCE IS ANTICIPATED OR IF UNEXPECTED AFFECTED SOIL IS ENCOUNTERED. ADDITIONALLY, IF SOIL IS TO BE TRANSPORTED FROM THE SITE TO AN APPROPRIATE LANDFILL, THE FOLLOWING CONTACTS MUST BE NOTIFIED.

TABLE 1: EMERGENCY CONTACTS

UNANTCTELEPHONEOWNER – CFC  
CONTACT: CHARLES ROBITAILLE, PROJECT MANAGER  
925.698.1118  
ALAMEDA COUNTY ENVIRONMENTAL HEALTH  
CONTACT: PARESH KHATRIS10.777.2478ENVIRONMENTAL CONSULTANT – ARCADIS  
CONTACT: RON SOULBOU0510.652.4500 OFFICE  
510.501.1789 CELLSITE CONSTRUCTION MANAGER

CONTACT: \*\*\* TO BE DESIGNATED BEFORE WORK BEGINS\*\*\*\*\* TO BE DESIGNATED BEFORE WORK BEGINS\*\*\*IF AN EMERGENCY SITUATION REQUIRING MEDICAL ATTENTION, CONTAMINANT ASSISTANCE, OR OTHER EMERGENCY ASSISTANCE ARISES, WORKERS SHOULD CALL 911 AND FOLLOW EMERGENCY PROCEDURES PROVIDED IN THE CONTRACTOR'S HEALTH AND SAFETY PLAN (HSP).

2.3 SOIL MANAGEMENT STRATEGY

SOIL WILL BE REUSED AT THE SITE TO THE EXTENT POSSIBLE. SUSPECTED AFFECTED SOIL (E.G., SOIL EXHIBITING DISCOLORATION, OILY LIQUIDS, POWDERS, OR OTHER SUBSTANCES, ODORS, OR DETECTIONS ON FIELD EQUIPMENT) WILL BE STOCKPILED AND ONLY TESTED. THIS SOIL WILL ONLY BE REUSED IF IT MEETS THE REMEDIAL GOALS DISCUSSED IN SECTION 3.0.

THROUGHOUT THE GRADING ACTIVITIES THAT WILL BE CONDUCTED DURING THE REDEVELOPMENT OF THE SITE, NATIVE SOIL AND EXISTING FILL MATERIAL WILL BE HANDLED AND MOVED FROM ONE PORTION OF THE SITE TO ANOTHER. THE NET BALANCE OF SOIL FROM CUT AND FILL GRADING WILL PROBABLY NOT REQUIRE REMOVAL OF SOIL FROM THE SITE.

2.4 REQUIREMENTS FOR IMPORTED FILL

SOIL THAT IS IMPORTED TO THE SITE FOR USE AS FILL MUST BE SAMPLED PRIOR TO BEING BROUGHT ON SITE. A FOUR-POINT COMPOSITE SAMPLE SHOULD BE COLLECTED FOR EVERY 500 CUBIC YARDS OF FILL MATERIAL IMPORTED TO THE SITE AND SUBMITTED FOR THE FOLLOWING ANALYSES:

- VOLATILE ORGANIC COMPOUNDS (VOCs) BY EPA METHOD 8260B
- METALS BY EPA METHOD 6010B
- SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) BY EPA METHOD 8270
- PCBs BY EPA METHOD 8082
- ORGANOCHLORINE PESTICIDES BY EPA METHOD 8081
- TPH BY EPA METHOD 8015M

THE ANALYTICAL RESULTS FOR EACH OF THE CONSTITUENTS SHOULD BE LESS THAN THE FINAL ENVIRONMENTAL SCREENING LEVELS (ESLS) FOR SHALLOW SOIL (LESS THAN 1 METER BGS) FOR COMMERCIAL AND INDUSTRIAL PROPERTIES WHERE THE GROUNDWATER IS NOT A POTENTIAL SOURCE OF DRINKING WATER (TABLE B-2, RWQCB 2008). WITH THE EXCEPTION OF ARSENIC, ARSENIC CONCENTRATIONS SHOULD BE LESS THAN THE SITE-SPECIFIC BACKGROUND CONCENTRATION OF 7 MG/KG (SEE DISCUSSION PRESENTED IN APPENDIX B OF THE CAP).

2.5 DETECTION OF UNANTICIPATED AFFECTED SOIL

THIS SECTION DESCRIBES THE PROTOCOLS TO BE FOLLOWED IN THE EVENT THAT UNKNOWN AREAS OF AFFECTED SOIL AND/OR UNDERGROUND STRUCTURES ARE IDENTIFIED DURING SITE DEVELOPMENT. THESE PROTOCOLS WILL BE FOLLOWED BY ALL INVOLVED PARTIES, INCLUDING CFC AND OTHER ENTITIES, SUCH AS A CONTRACTOR OR QUALIFIED CONSULTANT, DESIGNATED OR CERTIFIED BY CFC.

UNKNOWN CONDITIONS (E.G., SUSPECTED AFFECTED SOIL) THAT MAY TRIGGER CONTINGENCY MONITORING PROCEDURES DURING SITE DEVELOPMENT INCLUDE, BUT ARE NOT LIMITED TO, THOSE LISTED BELOW. DISCOVERY OF ANY OF THESE CONDITIONS COULD REQUIRE EITHER ALTERNATIVE OR ADDITIONAL MEASURES TO PROTECT HUMAN HEALTH AND THE ENVIRONMENT:

- OILY, SHINY, OR SATURATED SOIL OR FREE PRODUCT
- SOIL WITH A STRONG CHEMICAL ODOR
- DISCOVERY OF OBJECTS OF ENVIRONMENTAL CONCERN SUCH AS UNDERGROUND STORAGE TANKS (USTS) AND ASSOCIATED PIPING OR BURIED DRUMS
- DISCOVERY OF DEBRIS (E.G., BURIED REFUSE, ASBESTOS-CONTAINING PIPES, AND TRANSITE PIPES)
- DISCOVERY OF HAZARDOUS STORAGE AREAS
- DISCOVERY OF CRACKED OR REPAIRED CONCRETE IN AREAS WHERE HAZARDOUS MATERIALS WERE USED OR STORED
- OTHER CONDITIONS THAT VARY MATERIALLY FROM THOSE DOCUMENTED DURING PREVIOUS INVESTIGATIONS

IF SUSPECTED AFFECTED SOIL IS DETECTED DURING SUBSURFACE DISTURBANCE WORK, THE FOLLOWING PROCEDURES SHALL BE FOLLOWED:

- ALL FIELD ACTIVITIES THAT MAY POTENTIALLY DISTURB THE SUSPECTED AFFECTED SOIL MUST BE IMMEDIATELY STOPPED AND THE SITE VACATED.
- IF AN EMERGENCY SITUATION ARISES SUCH THAT EMERGENCY SERVICES ARE NEEDED, CALL 911 AND FOLLOW THE EMERGENCY PROCEDURES GIVEN IN THE HSP.
- NOTIFY THE EMERGENCY CONTACTS LISTED IN SECTION 5.2.
- ANY EQUIPMENT AND CLOTHING THAT COMES IN CONTACT WITH THE SUSPECTED OR KNOWN AFFECTED SOIL MUST BE DECONTAMINATED AS SPECIFIED IN THE CONTRACTOR'S HSP.
- IF STOCKPILING IS NECESSARY, STOCKPILES WILL BE PLACED ON PLASTIC SHEETING AND COVERED AT THE END OF EACH WORK DAY.

DURING THE EXCAVATION AND CONSTRUCTION ACTIVITIES CONDUCTED AT THE SITE, IT IS POSSIBLE THAT USTS, SUMPS, OR OTHER UNDERGROUND STRUCTURES THAT WERE NOT IDENTIFIED DURING PREVIOUS SITE INVESTIGATIONS WILL BE DISCOVERED. FOR EXAMPLE, A UST MAY BE IDENTIFIED DURING GRADING AND SITE EXCAVATION ACTIVITIES BY BEING UNARTHED. OTHER SUBSURFACE STRUCTURES MIGHT NOT HAVE FEATURES THAT EXTEND ABOVE THE EXCAVATED SURFACE AND COULD BE UNARTHED WHEN CONSTRUCTION EQUIPMENT COMES INTO CONTACT WITH THEM. THE REMAINDER OF THIS SECTION OUTLINES THE MEASURES THAT GOVERN IDENTIFICATION AND REMOVAL OF USTS, AND APPROPRIATE MEASURES FOR ADDRESSING OTHER UNDERGROUND STRUCTURES ENCOUNTERED DURING DEVELOPMENT.

CHAPTER 6.7 OF THE CALIFORNIA HEALTH AND SAFETY CODE CONTAINS THE SPECIFIC REQUIREMENTS FOR REMOVING AND REMEDIATING AFFECTED SOIL ASSOCIATED WITH A LEAKING UST (LUST). THE COUNTY WITHIN WHICH THE UST IS ENCOUNTERED IS RESPONSIBLE FOR LOCAL OVERSIGHT AND OVERSEES THE REMOVAL OF USTS. ENVIRONMENTAL INVESTIGATIONS AND RESPONSES REQUIRED FOLLOWING REMOVAL OF THE UST WILL BE CONDUCTED UNDER THE DIRECTION OF THE ACEH AND IN ACCORDANCE WITH THE SPECIFIC PROVISIONS DELINEATED IN CHAPTER 6.7 OF THE CALIFORNIA HEALTH AND SAFETY CODE. ACCORDINGLY, THE OAKLAND FIRE DEPARTMENT WILL BE NOTIFIED IN THE EVENT THAT A LUST OR APPURTENANT PIPING IS DISCOVERED DURING CONSTRUCTION AND DEVELOPMENT OF THE SITE.

FOR OTHER SUBSURFACE STRUCTURES THAT MAY HAVE BEEN RELATED TO FORMER USE AND STORAGE OF CHEMICALS, SUCH AS UNDERGROUND VAULTS AND SUMPS, THE FOLLOWING PROCEDURES WILL BE IMPLEMENTED TO DETERMINE THE PROPER DISPOSITION OF THE ENCOUNTERED STRUCTURE.

THE STRUCTURE WILL BE INSPECTED TO ASSESS WHETHER IT CONTAINS ANY INDICATION OF CHEMICAL RESIDUALS OR FREE LIQUIDS OTHER THAN WATER. THE ENVIRONMENTAL ENGINEER WILL MAKE THIS ASSESSMENT IN THE FIELD USING VISUAL OR OLFACTORY EVIDENCE, OR FIELD MONITORING EQUIPMENT. IF THERE IS NO INDICATION, BASED ON VISUAL OBSERVATION, ODOR, OR FIELD AIR MONITORING EQUIPMENT, OF CHEMICAL IMPACT WITHIN THE VAULT OR SUMP, THEN REMOVAL OF THE STRUCTURE IS NOT NECESSARY FOR ENVIRONMENTAL REASONS, BUT MAY BE PRUDENT FOR STRUCTURAL REASONS FOR PROPOSED NEW SCHOOL CONSTRUCTION.

IF A SUMP OR VAULT CONTAINS LIQUIDS THAT APPEAR TO CONTAIN CHEMICALS, BASED ON VISUAL OBSERVATIONS, ODOR, OR FIELD AIR MONITORING EQUIPMENT, THEN THE FOLLOWING STEPS SHALL BE TAKEN:

- THE CHEMICAL WILL BE CHARACTERIZED AND THE APPROPRIATE RESPONSE ACTION WILL BE DETERMINED.
- THE POTENTIALLY CHEMICAL-CONTAINING LIQUIDS WILL BE SAMPLED AND ANALYZED FOR PROFILING PURPOSES
- THE LIQUIDS WILL BE PROPERLY REMOVED AND DISPOSED OF UNDER THE DIRECTION OF CFC OR THE DESIGNATED ENVIRONMENTAL ENGINEER.
- A REPORT WILL BE PREPARED DOCUMENTING RESPONSE ACTIVITIES FOR SUBMITTAL TO THE OAKLAND FIRE DEPARTMENT, ACEH, AND THE RWQCB.

IF FREE PRODUCT IS ENCOUNTERED, THE AREAL EXTENT AND THICKNESS WILL BE ASSESSED, THE CHEMICAL CHARACTERIZED, AND THE SOIL EXCAVATED. THE EXCAVATED SOIL WILL BE STOCKPILED AND DISPOSED OF OFF SITE IF NECESSARY.

IF UNANTICIPATED AFFECTED SOIL IS ENCOUNTERED, IT MUST BE DOCUMENTED IN A REPORT THAT IS SUBMITTED TO THE ACEH WITHIN 30 DAYS AFTER THE DISCOVERY OF THE UNANTICIPATED AFFECTED SOIL. THIS REPORT WILL INCLUDE THE FOLLOWING:

- A BRIEF DESCRIPTION OF THE NATURE OF SUSPECTED AFFECTED SOIL AND HOW IT WAS DISCOVERED
- VERIFICATION OF NOTIFICATION OF THE EMERGENCY CONTACTS LISTED IN SECTION 5.2
- VERIFICATION THAT THE PROCEDURES OUTLINED IN THIS SMP WERE FOLLOWED
- ANALYTICAL RESULTS FOR ALL SITE CHARACTERIZATION DATA (INCLUDING STOCKPILE AND CONFIRMATION SAMPLING) COLLECTED

2.6 STOCKPILE MANAGEMENT

SOIL GENERATED FROM CONSTRUCTION ACTIVITIES MAY BE STOCKPILED ON SITE. THE STOCKPILES WILL BE PLACED ON POLYETHYLENE SHEETING AND COVERED UNLESS IN USE TO PREVENT OFF-SITE SOIL MIGRATION DUE TO WIND AND RAIN EROSION. THE COVERS WILL CONSIST OF PLASTIC SHEETING AND/OR NON-TOXIC SOIL BINDERS. THE CONSTRUCTION MANAGER WILL HAVE THE FOLLOWING RESPONSIBILITIES CONCERNING THE ON-SITE STOCKPILES:

- MONITORING THE STOCKPILE COVERS ON A DAILY BASIS
- ENSURING THAT ACCUMULATION RECORDS ARE MAINTAINED AND KEPT IN A FIELD BOOK ON SITE DESCRIBING WHERE SOIL WAS EXCAVATED AND THE APPROXIMATE AMOUNT OF SOIL IN EACH STOCKPILE
- MONITORING THE FENCES SURROUNDING THE CONSTRUCTION SITE FOR OPEN GATES OR HOLES TO PREVENT UNAUTHORIZED ACCESS BY THE PUBLIC

MITIGATION PROCEDURES TO PREVENT WIND EROSION FROM THE STOCKPILES INCLUDE SPRAYING WITH ENOUGH WATER OR ANOTHER ACCEPTED MATERIAL TO KEEP THE SOIL SLIGHTLY DAMP, BUT NOT ENOUGH TO CREATE RUN-OFF FROM OVERSATURATION. STOCKPILES WILL NOT BE PILED EXCESSIVELY HIGH TO FURTHER PREVENT AIRBORNE TRANSPORT OF STOCKPILE MATERIAL.

INACTIVE STOCKPILES WILL ALSO BE PROTECTED FROM POTENTIAL RUN-OFF DUE TO RAIN USING PLASTIC SHEETING. IN ADDITION, A BERM MADE OF HAY BALES OR ANOTHER ACCEPTED MATERIAL WILL BE PLACED AROUND EACH STOCKPILE TO CAPTURE ANY POTENTIAL RUN-OFF FROM THE STOCKPILE. THE STOCKPILES WILL BE PLACED ON POLYETHYLENE SHEETING, AWAY FROM STORM DRAINS AND SURFACE-WATER DRAINAGE COURSES. CONSTRUCTION ACTIVITIES WILL BE CONDUCTED IN ACCORDANCE WITH A SWPPP THAT WILL BE PREPARED AND SUBMITTED TO THE RWQCB UNDER SEPARATE COVER BY THE CONTRACTOR WHO WILL PERFORM THE WORK. AS OUTLINED IN THE SWPPP, BEST MANAGEMENT PRACTICES (INCLUDING STRUCTURAL CONTROLS) WILL BE INSTALLED TO PREVENT ANY MIGRATION OF SEDIMENTS TO STORM DRAINS.

GROUNDWATER MAY BE ENCOUNTERED DURING SOIL DISTURBANCES, SINCE GROUNDWATER HAS BEEN ENCOUNTERED IN THE UPPER 5 FEET OF SOIL AT SOME PORTIONS OF THE SITE. HOWEVER, IN THE UNLIKELY EVENT OF EXCAVATION OF SATURATED SOILS, THE SOIL WILL BE STOCKPILED AND THE WATER WILL BE ALLOWED TO DRAIN INTO THE GROUND SURFACE. THE SEDIMENTS WILL BE DRIED BY MECHANICAL MEANS AND THE RELATED DRAINAGE WILL NOT BE ALLOWED TO DRAIN TO ANY WATER COURSE.

2.7 WASTE CHARACTERIZATION AND HANDLING PROCEDURES

WHENEVER POSSIBLE, THE SOIL EXCAVATED AND STOCKPILED DURING SITE ACTIVITIES WILL BE REUSED. THE SOIL WILL ONLY BE REUSED IF IT MEETS ALL REMEDIAL GOALS DISCUSSED IN SECTION 3.0. AS DISCUSSED IN SECTION 3.0, SUSPECTED AFFECTED SOIL (E.G., SOIL EXHIBITING DISCOLORATION, FOREIGN LIQUIDS, POWDERS OR OTHER SUBSTANCES, ODORS, OR DETECTIONS ON FIELD EQUIPMENT) WILL BE TESTED. IF THE SOIL IS DETERMINED TO BE UNSUITABLE FOR REUSE, IT WILL BE SENT TO A PROPER DISPOSAL FACILITY FOLLOWING APPLICABLE REGULATIONS.

THE STATE OF CALIFORNIA'S HAZARDOUS WASTE REGULATIONS, THE RESOURCE CONSERVATION AND RECOVERY ACT, AND OTHER APPLICABLE WASTE MANAGEMENT REGULATIONS HAVE REQUIREMENTS AND PROCEDURES FOR THE HANDLING OF WASTE. THE REGULATIONS REGARDING LAND DISPOSAL OF WASTE ARE OVERSEEN IN CALIFORNIA BY THE DEPARTMENT OF TOXIC SUBSTANCES CONTROL (DTSC) AND THE RWQCB.

GENERATORS OF WASTE RESULTING FROM SITE ACTIVITIES WILL BE RESPONSIBLE FOR CHARACTERIZING THE WASTE TO DETERMINE IF THE WASTE SHOULD BE CLASSIFIED AS HAZARDOUS OR NON-HAZARDOUS ACCORDING TO CALIFORNIA REGULATIONS (TITLE 22, CALIFORNIA CODE OF REGULATIONS). GENERATORS ARE DEFINED AS THE PERSON(S) OR ORGANIZATION(S) INVOLVED THAT PRODUCE THE WASTE, OR WHOSE ACTIONS CAUSE THE WASTE TO BE SUBJECT TO REGULATION 40, CODE OF FEDERAL REGULATIONS 260.10. ALL GENERATED WASTES MUST BE ADEQUATELY CHARACTERIZED TO ENSURE PROPER WASTE MANAGEMENT AND DISPOSAL TO THE PROPER FACILITY. THE WASTE WILL BE CHARACTERIZED BY EITHER USING THE STANDARD EPA TESTING METHODS OR BY APPLYING KNOWLEDGE TO THE PROCESS IN WHICH THE WASTE WAS GENERATED (E.G., SITE HISTORY INFORMATION AND ANALYTICAL DATA COLLECTED FROM THE WASTE STREAMS).

STOCKPILE SAMPLING WILL CONSIST OF A FOUR-POINT COMPOSITE SAMPLE FOR APPROXIMATELY EVERY 500 CUBIC YARDS. ANALYTES ARE TO BE SELECTED BASED ON THE CHEMICALS OF CONCERN (COCs) LISTED IN SECTION 3.0. IN SOME CASES, OFF-SITE DISPOSAL FACILITIES MAY REQUIRE ADDITIONAL SAMPLES OR ANALYSES OF THE WASTE STREAM BEFORE ACCEPTING THE WASTE. THE PROFILING OF THE WASTE FOR THE OFF-SITE DISPOSAL FACILITY MAY BE NECESSARY TO DETERMINE PROPER DISPOSAL METHODS, VERIFY THAT THE WASTE MEETS ALL ACCEPTANCE CRITERIA OF THE DISPOSAL FACILITY, AND ENSURE COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. CHARACTERIZATION INFORMATION WILL

BE DOCUMENTED ON A WASTE PROFILE FORM PROVIDED BY THE OFF-SITE FACILITY. WASTE CHARACTERIZATION SAMPLES WILL BE COLLECTED WITHIN 30-DAYS OF THE WASTE ACCUMULATION START DATE.

WASTE GENERATED FROM SITE CONSTRUCTION ACTIVITIES WILL BE SEPARATED INTO HAZARDOUS AND NON-HAZARDOUS WASTES. CALIFORNIA REGULATIONS STATE THAT HAZARDOUS WASTE MUST BE REMOVED FROM THE SITE WITHIN 90 DAYS FROM THE FIRST DATE ON WHICH ANY AMOUNT OF HAZARDOUS WASTE STARTS TO ACCUMULATE. OTHER WASTE (NON-HAZARDOUS) ACCUMULATED ON SITE WILL BE REMOVED FROM THE SITE AS SOON AS POSSIBLE UNLESS REUSED.

IF THE SOIL IS CLASSIFIED AS NOT SUITABLE FOR REUSE, THE FOLLOWING ACTIONS WILL OCCUR:

- THE WASTE SOIL WILL BE STOCKPILED NEAR THE AREA OF CONCERN IN THE SUBSURFACE DISTURBANCE AREA.
- THE HAZARDOUS WASTE AREAS WILL CONTAIN EMERGENCY EQUIPMENT SUFFICIENT TO RESPOND TO THE HAZARDS CREATED BY THE WASTE.
- ALL STOCKPILES WILL BE PLACED ON PLASTIC SHEETING, WITH COVERS AND PERIMETER BERMS TO PREVENT OFF-SITE MIGRATION OF SOIL AND RUN-OFF DUE TO RAIN EROSION.
- STOCKPILE COVERS WILL BE SECURED IN PLACE WHEN STOCKPILES ARE NOT IN USE.
- A DAILY INSPECTION OF THE STOCKPILES WILL BE CONDUCTED TO ENSURE THE INTEGRITY OF PROTECTION USED ON THE STOCKPILES.
- ALL INSPECTIONS ALONG WITH RECORDS OF ACCUMULATION DATES OF THE STOCKPILES WILL BE RECORDED AND MAINTAINED ON SITE.
- ANY ACCUMULATED FREE LIQUIDS WILL BE REMOVED AND PLACED IN A CONTAINER.
- THE HAZARDOUS WASTE WILL NOT BE DILUTED UNLESS ALLOWED BY STATE AND FEDERAL REGULATIONS.
- ALL TRANSPORTATION OF HAZARDOUS WASTE WILL BE CONDUCTED IN ACCORDANCE WITH REGULATORY REQUIREMENTS.

2.8 CONSTRUCTION WORKER MANAGEMENT MEASURES

DURING CONSTRUCTION ACTIVITIES, WORKERS WHO MAY DIRECTLY CONTACT THE NATIVE SOIL WILL CONDUCT THE WORK IN ACCORDANCE WITH CAL-OSHA TRAINING AND WORKER PROTECTION RULES AND REGULATIONS. THE TYPES OF HAZARDS THAT CONSTRUCTION WORKERS OR OTHER WORKERS INVOLVED IN ACTIVITIES THAT DISRUPT SOIL ARE MOST LIKELY TO ENCOUNTER INCLUDE THE FOLLOWING:

- IDENTIFYING PREVIOUSLY UNKNOWN STRUCTURES OR AREAS OF AFFECTED SOIL
- HAVING DIRECT CONTACT WITH FILL MATERIALS THAT CONTAIN INORGANIC CONSTITUENTS, LEAD, OR PETROLEUM COMPOUNDS

CAL-OSHA IS THE STATE AGENCY RESPONSIBLE FOR MONITORING COMPLIANCE WITH WORKER HEALTH AND SAFETY LAWS AND REQUIREMENTS. COMPLIANCE WITH STANDARD CAL-OSHA REGULATIONS, PARTICULARLY TITLE 8, CHAPTER 4, DIVISION OF INDUSTRIAL SAFETY," WILL MINIMIZE THE POTENTIAL EFFECTS ASSOCIATED WITH EXCAVATION ACTIVITIES, SINCE THE INTENT OF THESE STANDARDS IS TO PREPARE WORKERS FOR THE TYPES OF HAZARDS THAT ARE LIKELY TO BE ENCOUNTERED DURING SUCH ACTIVITIES.

ALL ACTIVITIES CONDUCTED WITHIN THE SITE MUST BE IN COMPLIANCE WITH CURRENT CAL-OSHA RULES AND REGULATIONS, EVEN IF NOT EXPRESSLY NOTED IN THIS SMP. FURTHER, ALL WORKERS INVOLVED IN SUBSURFACE ACTIVITIES MUST CONDUCT THE WORK IN COMPLIANCE WITH AN ENVIRONMENTAL HSP. THE HSP IS AN ADDITIONAL MECHANISM THAT WILL PROTECT WORKERS ENGAGING IN INTRUSIVE WORK. TO ACHIEVE THAT GOAL, THE HSP WILL DELINEATE THE SPECIFIC POTENTIAL HAZARDS ASSOCIATED WITH CONTACT WITH NATIVE SOILS AT THE SITE AND WILL INFORM WORKERS THAT THE SUBSURFACE MATERIAL MAY CONTAIN LEAD OR PETROLEUM COMPOUNDS. THE HSP WILL ALSO DEFINE THE METHODS TO BE EMPLOYED TO MINIMIZE THE HAZARDS ASSOCIATED WITH SUCH ACTIVITIES.

PREPARATION OF AND COMPLIANCE WITH ALL ASPECTS OF THE HSP IS THE RESPONSIBILITY OF THE INDIVIDUALS ENGAGED IN THE INTRUSIVE ACTIVITIES. HSPS PREPARED FOR ANY CONSTRUCTION PROJECT WILL BE KEPT ON SITE DURING THE PROJECT. THIS SMP DOES NOT REQUIRE THAT CONSTRUCTION WORKERS WORKING AT THE SITE COMPLY WITH CAL-OSHA STANDARDS FOR HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE, UNLESS THE COMPANIES CONDUCTING THE INTRUSIVE WORK AT THE SITE CONCLUDE THAT IT IS REQUIRED AFTER THOROUGHLY EVALUATING THE RESIDUAL SOIL ANALYTICAL DATA RELATIVE TO THE POTENTIAL EXPOSURE TO THOSE CHEMICALS NECESSITATED BY THE TYPE OF WORK BEING CONDUCTED.

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CIVIL

STATE OF CALIFORNIA

Sheet Name

SOIL MANAGEMENT PLAN

Revisions

Sheet Information

Drawing Scale: 1"=20'

Drawn By: FR/MM

Project Information

Date: 06/18/2010

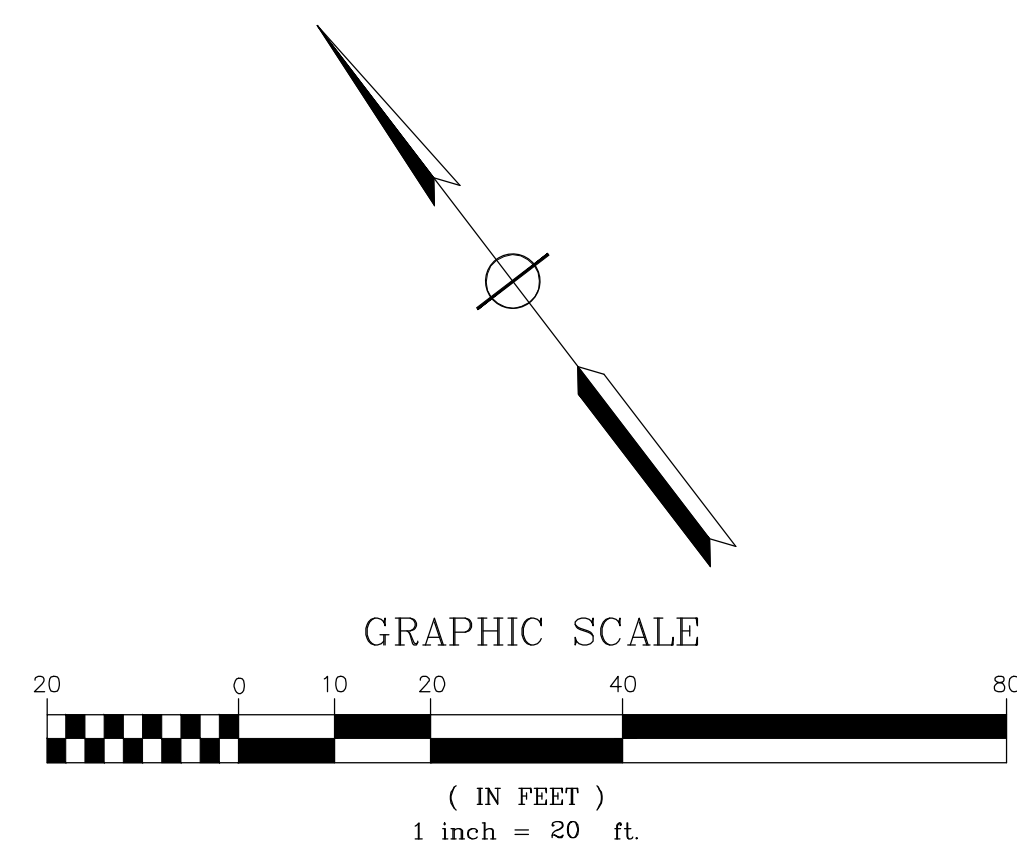
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Project Number: 1005

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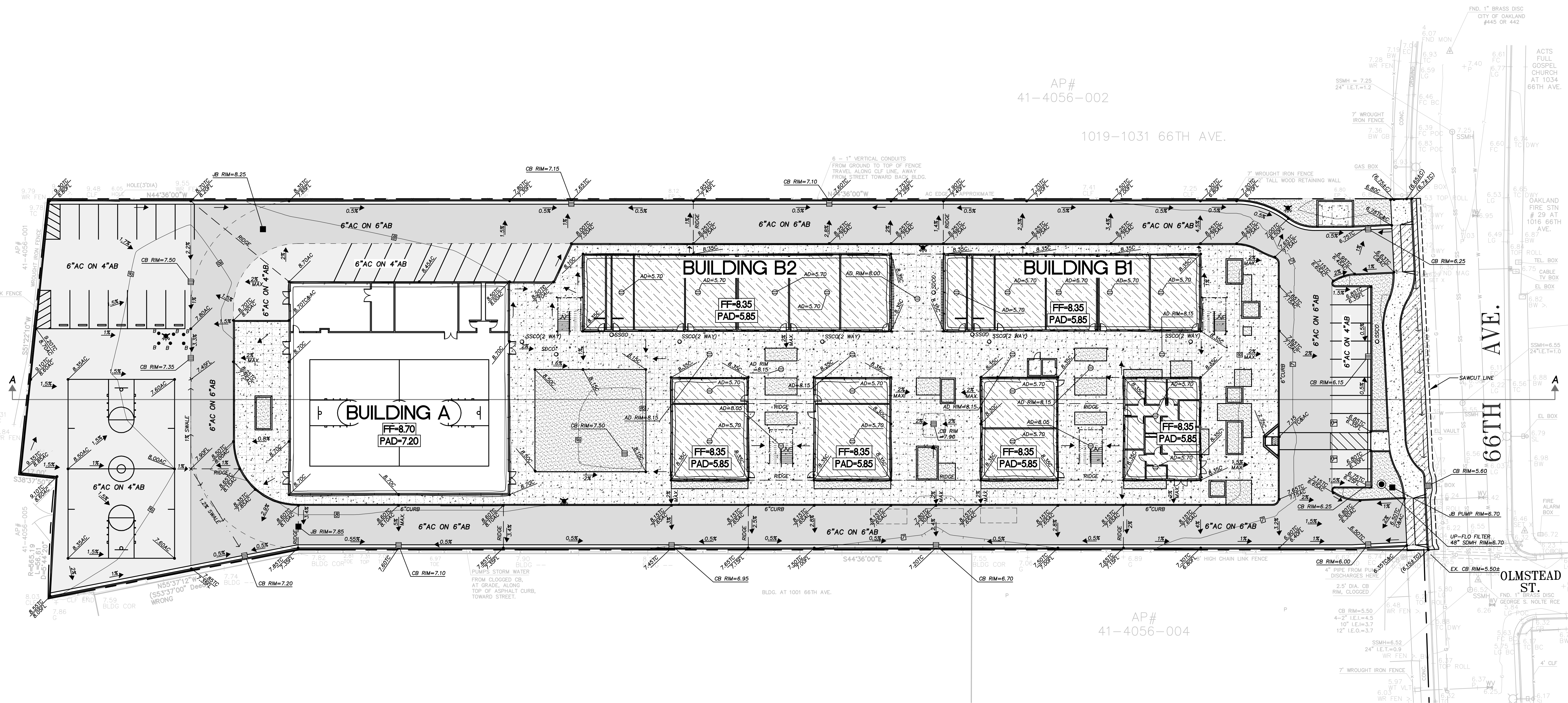
ESTIMATED  
EARTHWORK QUANTITIES  
CUT = 2350± C.Y.  
FILL = 2430± C.Y.  
IMPORT = 80± C.Y.  
IMPORT (clean cap soil) = 200± C.Y.  
IMPORT (top soil) = 240± C.Y.

#### GRADING & PAVING LEGEND

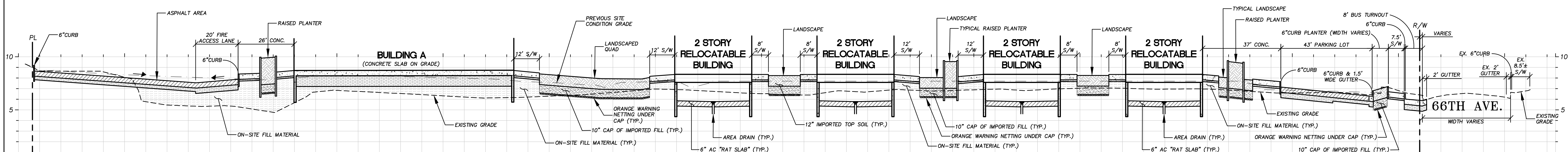
	NEW CONCRETE SLAB (SEE GENERAL NOTE #7) (6" REINFORCED RCC ON 2" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (90%) PER GEOTECHNICAL REPORT)		SAW CUT LINE
	NEW AC PAVEMENT-TRAFFIC SECTION (SEE GENERAL NOTE #7) (6" AC ON 6" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (95%) PER GEOTECHNICAL REPORT)		DRAINAGE FLOWLINE
	NEW AC PAVEMENT-PARKING SECTION (SEE GENERAL NOTE #7) (6" AC ON 4" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (95%) PER GEOTECHNICAL REPORT)		GRADE BREAK LINE
	LANDSCAPING 12" TOP SOIL OVER 10" CAP OF IMPORTED SOIL COMPACT CAP TO 90% PLACE ORANGE WARNING NETTING UNDERNEATH CAP. (SEE GENERAL NOTE #7)		NEW FENCE LINE
	RAT SLAB UNDERNEATH ALL MODULAR BUILDINGS: 6" AC (SEE GENERAL NOTE #7)		FINISH GRADE CONTOUR
	LIMIT OF GRADING		ASPHALT CONCRETE
	18" CURB & GUTTER		AREA DRAIN
			PORTLAND CEMENT CONCRETE
			CATCH BASIN
			CLEAN OUT TO GRADE
			EXIST.
			FINISH FLOOR
			FLOW LINE
			GROUND
			GRADE BREAK
			JUNCTION BOX
			STORM DRAIN MAINTENANCE HOLE
			SANITARY SEWER MAINTENANCE HOLE
			TOP OF CURB
			TYPICAL

#### GENERAL NOTES

- THE CONTRACTOR SHALL LAY OUT THE WORK, SETTING GRADESTAKES, ESTABLISHING LINES, BASE LINES, ELEVATIONS AND OTHER REFERENCE MARKERS AND INFORMATION NECESSARY TO COMPLETE THE WORK AND SHALL BE RESPONSIBLE FOR THE ACCURACY THEREOF.
  - ANY INCONSISTENCIES IN EXISTING OR PROPOSED ELEVATIONS SHALL BE BROUGHT TO THE NOTICE OF THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO CONSTRUCTION OR AS SOON AS DISCOVERED.
  - IN THE EVENT THAT ANY UNKNOWN UNDERGROUND TANKS OR STRUCTURES OR UTILITY LINES ARE DISCOVERED ON THE SITE, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE TO DETERMINE THE DISPOSITION OF THE STRUCTURE.
  - CONTRACTOR SHALL IMPROVE REQUIRED MATERIALS OR EXPORT EXCESS AS REQUIRED TO ESTABLISH PLAN GRADES, EXCESS MATERIAL IF ANY SHALL BE DISPOSED OFF-SITE IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.
  - EXISTING WATER, STORM AND SANITARY INVERTS SHALL BE EXPOSED AND VERIFIED PRIOR TO ANY NEW CONSTRUCTION.
  - CONTRACTOR SHALL SALVAGE ALL IRRIGATION SPRINKLER HEADS & CONTROLS, AND TURN THEM OVER TO THE SCHOOL DISTRICT UNHARMED. THE SCHOOL DISTRICT SHALL BE RESPONSIBLE FOR REDESIGNING AND RECONSTRUCTION OF IRRIGATION SYSTEMS. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING, CAPPING OFF, AND SHUTTING OFF OF EXISTING IRRIGATION LINES AS NECESSARY TO DO THEIR WORK.
  - EPA CAP REQUIREMENTS: A CAP OF COMPACTED SOIL SHALL HAVE A MINIMUM THICKNESS OF 10 INCHES. A CONCRETE OR ASPHALT CAP SHALL HAVE A MINIMUM THICKNESS OF 6 INCHES (RAT SLAB EXCLUDED).
- ALL MODULAR BUILDING FOUNDATIONS AND VENT WELLS SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD PLANS, AND SPECIFICATIONS OF THE BUILDING MANUFACTURER.



#### EPA SITE CAP (SEE GENERAL NOTE #7)



SECTION A-A H: 1"=20' V: 1"=4'

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Date: 06/18/2010  
Status: Inc.1 Permit Sub.  
Project Number: 1005

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ARCHITECTURE  
+ INTERIORS

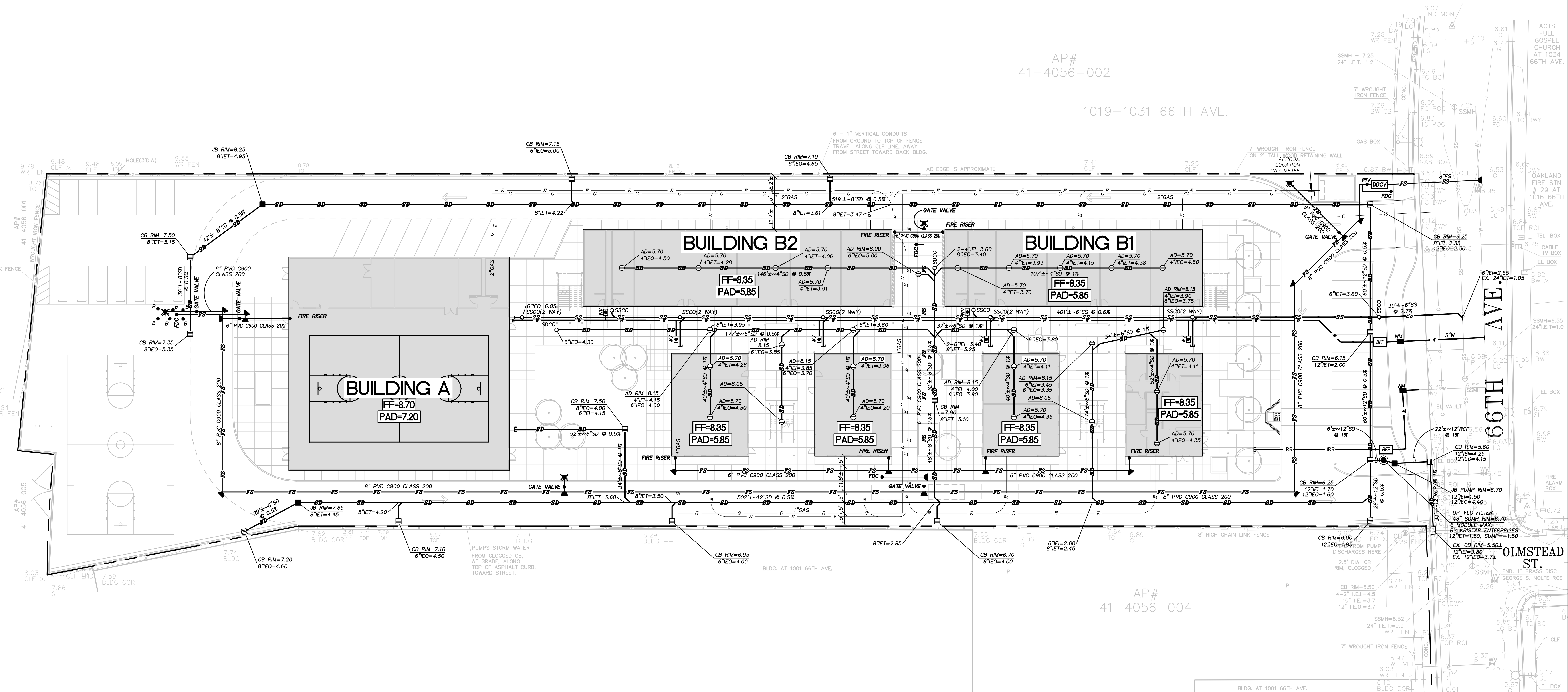
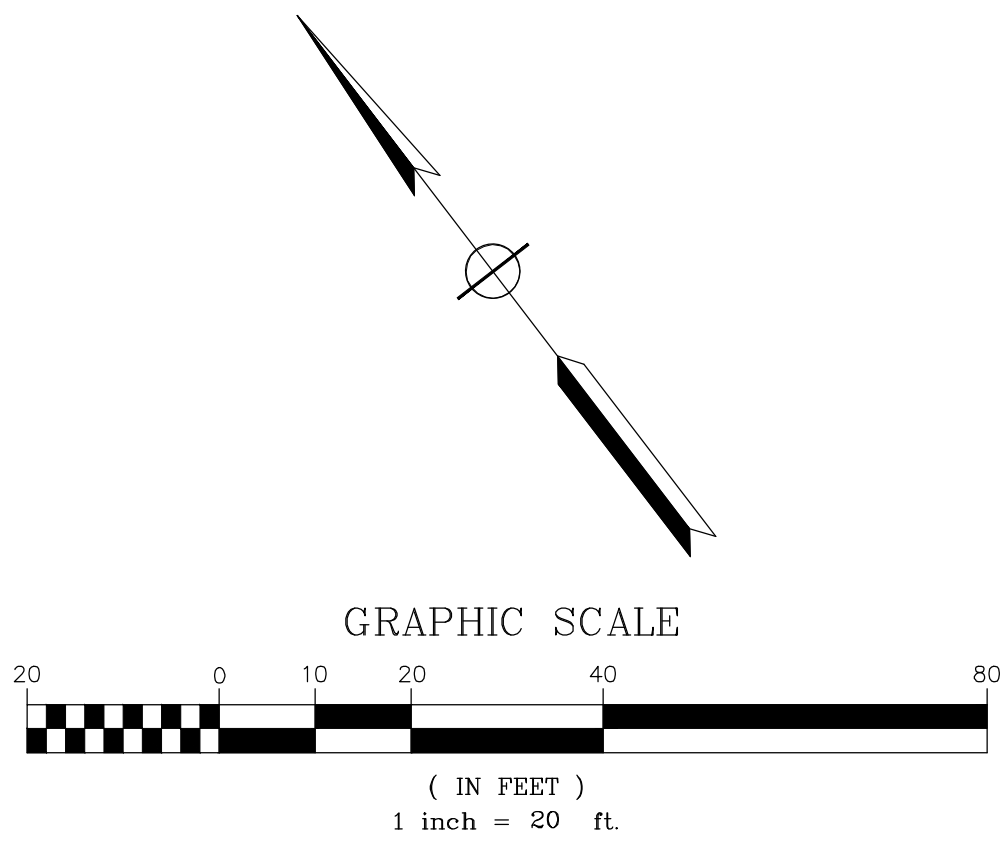
444 DeHaro Street, Suite 220  
San Francisco, CA 94107  
tel 415-487-6900  
fax 415-487-6909

## GENERAL NOTES

1. THE CONTRACTOR SHALL LAY OUT THE WORK, SETTING GRADE STAKES, ESTABLISHING LINES, BASE LINES, ELEVATIONS AND OTHER REFERENCE MARKERS AND INFORMATION NECESSARY TO COMPLETE THE WORK AND SHALL BE RESPONSIBLE FOR THE ACCURACY THEREOF.
2. ANY INCONSISTENCIES IN EXISTING OR PROPOSED ELEVATIONS SHALL BE BROUGHT TO THE NOTICE OF THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO CONSTRUCTION OR AS SOON AS DISCOVERED.
3. IN THE EVENT THAT ANY UNKNOWN UNDERGROUND TANKS OR STRUCTURES OR UTILITY LINES ARE DISCOVERED ON THE SITE, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE TO DETERMINE THE DISPOSITION OF THE STRUCTURE.
4. CONTRACTOR SHALL IMPORT REQUIRED MATERIALS OR EXPORT EXCESS AS REQUIRED TO ESTABLISH PLAN GRADES. EXCESS MATERIAL IF ANY SHALL BE DISPOSED OFF-SITE IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.
5. EXISTING WATER, STORM AND SANITARY INVERTS SHALL BE EXPOSED AND VERIFIED PRIOR TO ANY NEW CONSTRUCTION.
6. CONTRACTOR SHALL SALVAGE ALL IRRIGATION SPRINKLER HEADS & CONTROLS, AND TURN THEM OVER TO THE SCHOOL DISTRICT UNHARMED. THE SCHOOL DISTRICT SHALL BE RESPONSIBLE FOR REDESIGNING AND RECONSTRUCTION OF IRRIGATION SYSTEMS. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING, CAPPING OFF, AND SHUTTING OFF OF EXISTING IRRIGATION LINES AS NECESSARY TO DO THEIR WORK.
7. PLUMBING CONTRACTOR TO STUB OUT NEW LINES TO 2' FROM BUILDING PERIMETER. BUILDING CONTRACTOR TO COMPLETE PLUMBING.
8. PLUMBING CONTRACTOR TO PROVIDE TRACER WIRES ON ALL BURIED PLASTIC PIPING.
9. VALVE BOXES TO BE CHRISTY 10"x17" WITH BALL VALVES. BALL VALVES TO BE SET 12" BELOW GRADE. WATER LINES TO BE SET 24" BELOW GRADE.
10. WHEN WATER AND SEWER LINES ARE INSTALLED IN JOINT TRENCH, WATER LINES TO BE SET MINIMUM 1" HIGHER THAN SEWER LINES WITH MINIMUM 1" HORIZONTAL CLEARANCE.
11. UTILITY POINTS OF CONNECTION ARE 5' OUTSIDE OF BUILDINGS. SEE MECHANICAL AND PLUMBING DRAWINGS FOR UTILITY CONNECTION.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF LOCATIONS OF ALL EXISTING UTILITIES IN THE FIELD. ALL CONTRACTORS SHALL CALL U.S.A. (1-800-227-2600) 48 HOURS BEFORE DIGGING AND OBTAIN AN IDENTIFICATION NUMBER.
13. ALL UTILITY TRENCHES SHOULD BE BACKFILLED WITH COMPACTED FILL IN ACCORDANCE WITH LOCAL REQUIREMENTS OR THE RECOMMENDATIONS IN THE SOILS REPORT. FILL MATERIAL SHOULD BE PLACED IN LIFTS NOT EXCEEDING 8 INCHES IN UNCOMPACTED THICKNESS AND SHOULD BE COMPACTED TO AT LEAST 90 PERCENT RELATIVE COMPACTION (ASTM D-1557, LATEST EDITION) BY MECHANICAL MEANS ONLY, EXCEPT WHERE LOCAL REQUIREMENTS SPECIFY HIGHER REQUIREMENTS. IF IMPORTED SAND IS USED AS BACKFILL, THE UPPER THREE FEET IN BUILDING AND PAVEMENT AREAS SHALL BE COMPACTED TO 95 PERCENT. THE UPPER 6 INCHES OF BACKFILL IN ALL PAVEMENT AREAS SHALL BE COMPACTED TO AT LEAST 95 PERCENT RELATIVE COMPACTION.
14. COORDINATE WATER LINE CONNECTION WITH EAST BAY M.U.D. PRIOR TO CONNECTION TO WATER SYSTEM.
15. BACKFILL MATERIAL FOR HDPE PIPE TO BE 3/8" BASE MATERIAL.

## PLUMBING LEGEND

SD	NEW STORM DRAIN: PVC, SDR 35 (ON-SITE), OR HDPE SIZE AND SLOPE AS INDICATED
SS	NEW SANITARY SEWER PVC, SDR 26 (ON-SITE), OR HDPE (SIZE AS INDICATED) S=0.01 UNLESS OTHERWISE INDICATED
W	NEW WATER LINE (SIZE AS INDICATED)
FS	NEW FIRE SERVICE LINE (SIZE AS INDICATED)
---	NEW PVC SUBDRAIN (SIZE AS INDICATED)
C	NEW GAS LINE (SEE MECHANICAL PLANS)
E	NEW ELECTRICAL LINE (SEE ELECTRICAL PLANS)
AD	AREA DRAIN
CB	CATCH BASIN
JB	JUNCTION BOX
SDMH	STORM DRAIN MAINTENANCE HOLE
SSMH	SANITARY SEWER MAINTENANCE HOLE
RWL	RAIN WATER LEADER
COTG/SSCO/SSCO	CLEAN OUT TO GRADE
WV	WATER VALVE
EX., EXIST.	EXISTING
FF	FINISH FLOOR
INV	INVERT ELEVATION
IEI	INVERT ELEVATION IN
IEO	INVERT ELEVATION OUT
IET	INVERT ELEVATION THROUGH
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
SS	SANITARY SEWER
SD	STORM DRAIN
TP	TYPICAL
W	WATER



Client  
College for Certain, LLC

Project Name  
Aspire 66th Ave

1009 66th Ave.  
Oakland, CA 94621

Consultants

**UNDERWOOD & ROSENBLUM, INC.**  
civil engineers and surveyors  
1525 Broadway Road Ste. 4014 San Jose, CA 95128  
Tel: (408) 453-1222 Fax: (408) 453-1227  
PROJECT NO. J05035  
PLOT DATE: 6-23-2010



Sheet Name  
PRELIMINARY  
SITE PLUMBING PLAN

Approval Stamp

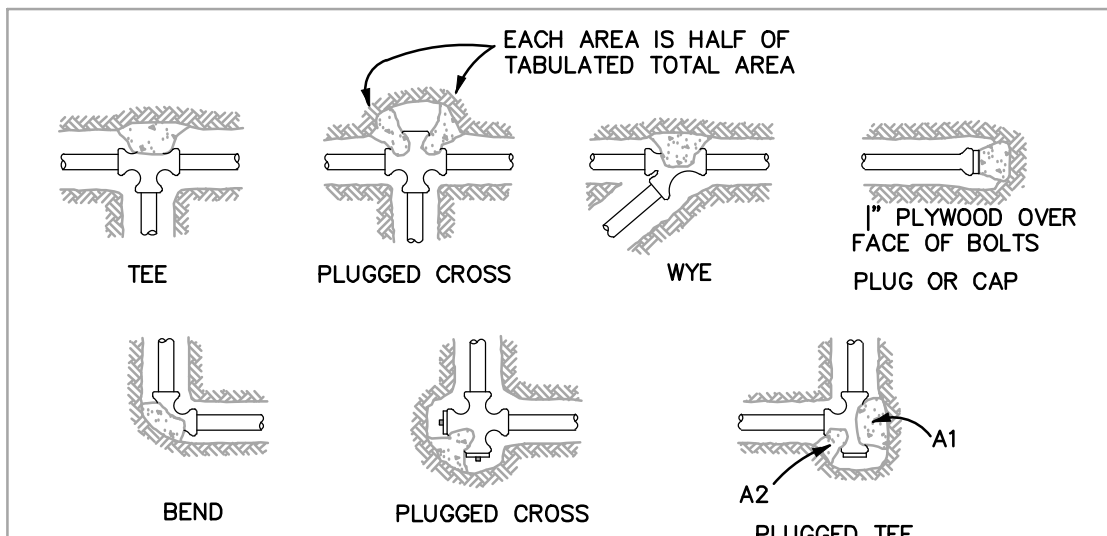
Revisions

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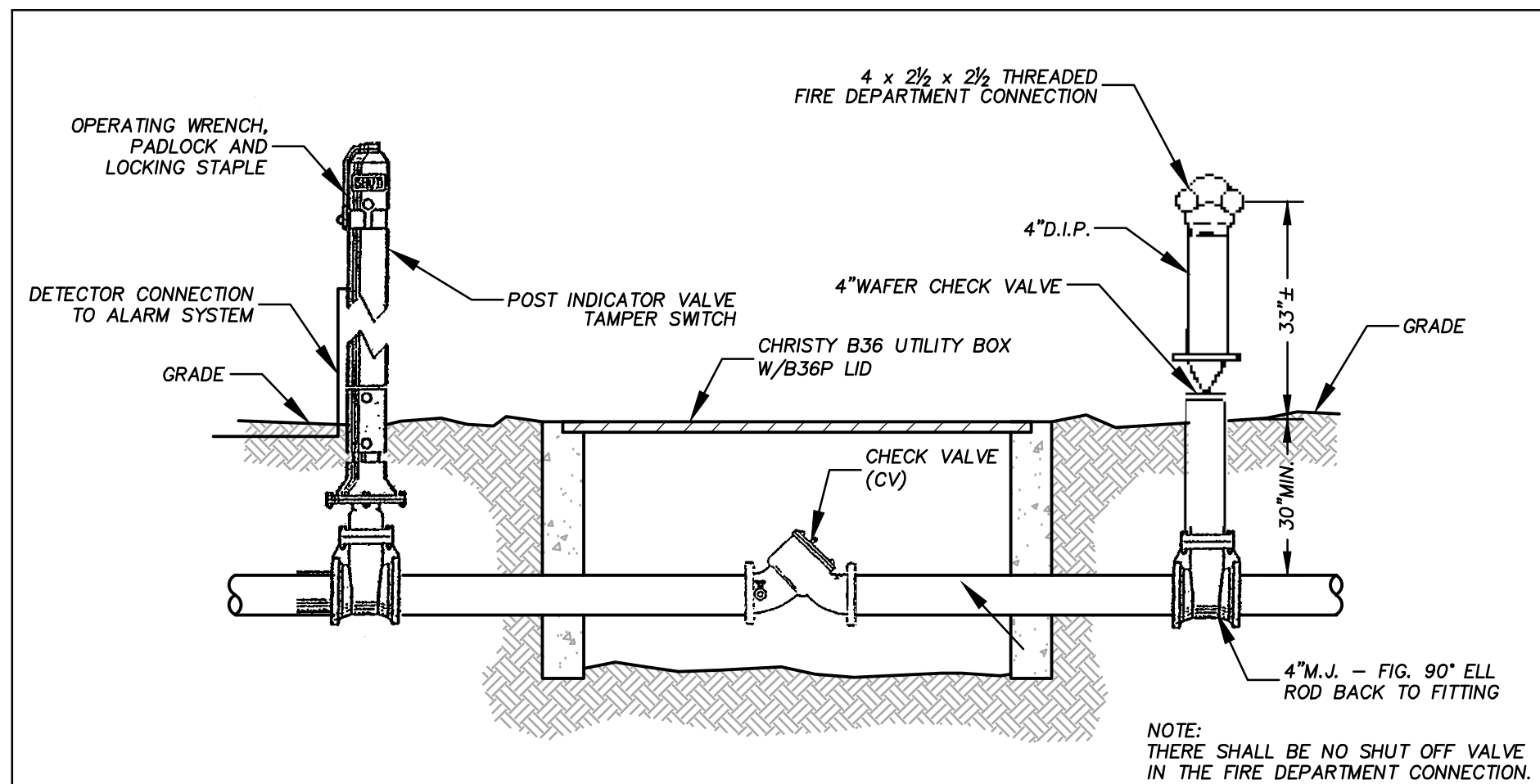


#### NOTES:

1. CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
2. KEEP CONCRETE CLEAR OF JOINT AND ACCESSORIES.
3. THE REQUIRED THRUST BEARING AREAS FOR SPECIAL CONNECTIONS ARE SHOWN ENCLOSED ON THE PLANS; e.g. (15) INDICATES 15 SQUARE FEET BEARING AREA REQUIRED.
4. IF NOT SHOWN ON PLANS REQUIRED BEARING AREAS AT FITTING SHALL BE AS INDICATED BELOW, ADJUSTED IF NECESSARY, TO CONFORM TO THE TEST PRESSURE(S) AND ALLOWABLE SOIL BEARING STRESS(ES) STATED IN THE SPECIAL SPECIFICATIONS.
5. BEARING AREAS AND SPECIAL BLOCKING DETAILS SHOWN ON PLANS TAKE PRECEDENCE OVER BEARING AREAS AND BLOCKING DETAILS SHOWN ON THIS STANDARD DETAIL.

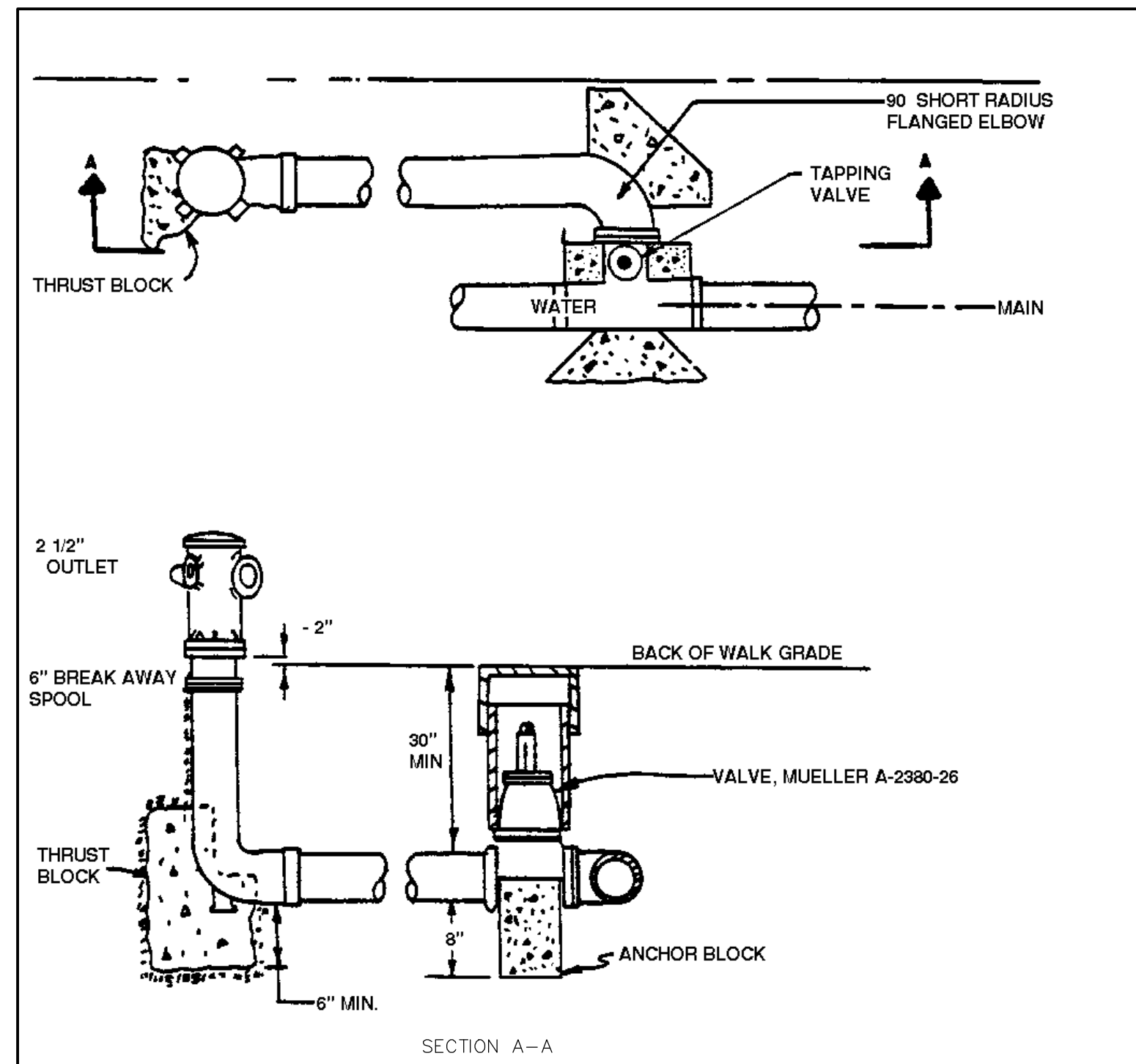
FITTING SIZE	TEE, WYE, PLUG, OR CAP	90° BEND PLUGGED CROSS	TEE PLUGGED ON RUN	45° BEND	22.5° BEND	11.25° BEND
4	1.0	1.4	1.9	1.4	1.0	—
6	2.1	3.0	4.3	3.0	1.6	1.0
8	3.6	5.3	7.6	5.4	2.9	1.5
10	5.9	8.4	11.8	8.4	4.6	2.4
12	8.5	12.0	17.0	12.0	6.9	3.4
14	11.5	16.3	23.0	16.3	8.9	4.6
16	15.0	21.3	30.0	21.3	11.6	6.0
18	18.0	27.0	38.0	27.0	14.6	7.6
20	23.5	33.3	47.0	33.3	18.1	9.4
24	34.0	48.0	68.0	48.0	26.2	13.6

NOTE:  
ABOVE BEARING AREAS BASED ON TEST PRESSURE OF 150 P.S.I. AND AN ALLOWABLE SOIL BEARING STRESS OF 2,000 POUNDS PER SQUARE FOOT. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURES AND SOIL BEARING STRESSES, USE THE FOLLOWING EQUATION: BEARING AREA = (TEST PRESSURE/150) X (2000/SOIL BEARING STRESS) X (TABLE VALUE).



#### FIRE SERVICE ASSEMBLY

NTS



#### NOTES:

1. Use rubber gasket type joints throughout hydrant assembly except where otherwise indicated.
2. Hydrant shall be given 3 coats of exterior yellow paint, conforming to Federal Color Specification TT-C-595, color no. 1305. Paint shall be heavy duty plastic industrial enamel.
3. When standing in the centerline of the street facing the hydrant, the valve should be toward the observer's right. This method to be used only where applicable (type B).
4. Approved hydrants must be Fire Underwriters Listed. Greenberg 75 or approved equal for residential, Greenberg 76, Rich 750 or approved equal for commercial or industrial, the 2 1/2" outlet shall have National Standard Hose Threads. The steamer outlet shall be 4" California Standard Hose Thread.
5. Orient ports of Two Port Hydrants 45DEG to F.O.C. Orient the 4" port on three port hydrants perpendicular to and facing F.O.C.
6. A Brooks Products 3RT valve box with word "WATER" to be furnished and installed with each valve.

#### FIRE HYDRANT ASSEMBLY

NTS

#### UNDERGROUND FIRE SERVICE TO FIRE HYDRANTS REQUIREMENTS:

NFPA 24 SEC. 1-4 THE UNDERGROUND FIRE SERVICE PLANS SHALL BE DRAWN TO SCALE AND SHALL INCLUDE ALL ESSENTIAL DETAILS, SUCH AS:

- A) SIZE AND LOCATION OF ALL WATER SUPPLIES.
- B) SIZE AND LOCATION OF ALL PIPING, INDICATING, WHERE POSSIBLE, THE CLASS AND TYPE AND DEPTH OF EXISTING PIPE, THE CLASS AND TYPE OF NEW PIPE TO BE INSTALLED, AND THE DEPTH TO WHICH IT IS TO BE BURIED.
- C) SIZE, TYPE, AND LOCATION OF VALVES, INDICATE IF LOCATED IN PIT OR IF OPERATION IS BY POST INDICATOR OR KEY WRENCH THROUGH A CURB BOX. INDICATE THE SIZE, TYPE, AND LOCATION OF METERS, REGULATORS, AND CHECK VALVES.
- D) SIZE AND LOCATION OF HYDRANTS, SHOWING SIZE AND NUMBER OF OUTLETS AND IF OUTLETS ARE TO BE EQUIPPED WITH INDEPENDENT GATE VALVES.
- E) SPRINKLER AND STANDPIPE RISERS TO BE SUPPLIED BY THE SYSTEM.
- F) LOCATION OF FIRE DEPARTMENT CONNECTIONS, IF PART OF PRIVATE FIRE SERVICE MAIN SYSTEM, INCLUDING DETAIL OF CONNECTIONS.

NFPA 24 SEC. 7-2 ALL FERROUS METAL PIPE SHALL BE UNDE, AND STEEL PIPE SHALL BE COATED AND WRAPPED WITH JOINTS FIELD-COATED AND WRAPPED AFTER ASSEMBLY. FOR BURIED PIPE, GALVANIZING, INTERNALLY OR EXTERNALLY DOES NOT MEET THE REQUIREMENTS OF THIS SECTION.

NFPA 24 SEC. 8-5.2 ALL BOLTED JOINT ACCESSORIES SHALL BE CLEANED AND THOROUGHLY COATED WITH AN BITUMINOUS OR OTHER ACCEPTABLE CORROSION-RETARDING MATERIAL AFTER INSTALLATION.

NFPA 24 SEC. 8-6.2.8 AFTER INSTALLATION, RODS, NUTS, BOLTS, WASHERS, CLAMPS, AND OTHER RESTRAINING DEVICES EXCEPT THRUST BLOCKS, SHALL BE CLEANED AND THOROUGHLY COATED WITH A BITUMINOUS OR OTHER ACCEPTABLE CORROSION-RETARDING MATERIAL.

NFPA 24 SEC. 8-6.2 THRUST BLOCKS SHALL BE OF CONCRETE MIX NOT LEANER THAN ONE PART CEMENT, TWO AND ONE-HALF PARTS SAND, AND FIVE PARTS STONE. THRUST BLOCKS SHALL BE PLACED BETWEEN UNDISTURBED EARTH AND THE FITTING TO BE RESTRAINED, AND SHALL BE OF SUCH BEARING AS TO ENSURE ADEQUATE RESISTANCE TO THE THRUST TO BE ENCOUNTERED. IN GENERAL, THRUST BLOCKS SHALL BE SO PLACED THAT THE JOINTS WILL BE ACCESSIBLE FOR INSPECTION AND REPAIR.

NFPA 24 SEC. 8-2.1 UNDERGROUND MAINS SHALL BE COMPLETELY FLUSHED TO REMOVE FOREIGN MATERIALS THAT MIGHT HAVE ENTERED THE MAIN DURING THE COURSE OF THE INSTALLATION PER TABLE 8-1.1 TO PRODUCE A VELOCITY OF 10 FT. PER SECOND IN PIPES. (WITNESSED BY THE INSPECTOR OF RECORD.)

NFPA 24 SEC. 8-9.3.1 ALL NEW PRIVATE UNDERGROUND FIRE SERVICE MAINS SHALL BE RESTED HYDROSTATICALLY AT NOT LESS THE 200-PSI PRESSURE FOR A MINIMUM OF TWO HOURS. (WITNESSED BY THE INSPECTOR OF RECORD.)

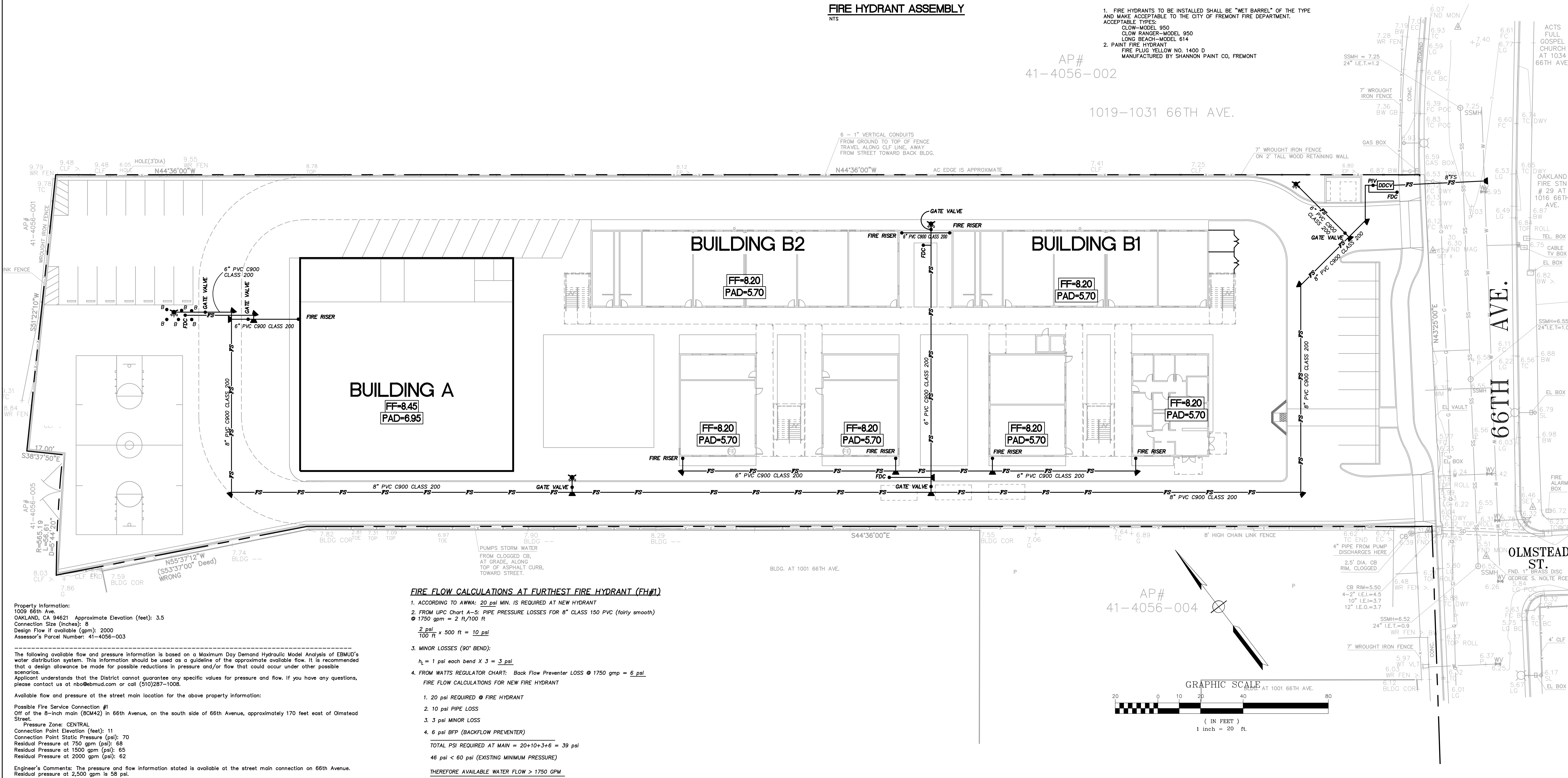
NFPA 24 SEC. 9.2.1 BEFORE ASKING FINAL APPROVAL OF AN INSTALLATION BY THE INSPECTOR OF RECORD, THE INSTALLING COMPANY SHALL FURNISH A CONTRACTOR'S MATERIAL AND TEST CERTIFICATE TO BE SUBMITTED TO DSA. A TYPICAL CERTIFICATE IS SHOWN IN FIGURE A-9-2.1. THIS FORM SHALL BE GIVEN TO THE INSPECTOR OF RECORD (IOR) WHO WILL TURN-IN FOR DSA RECORDS.

NFPA 24 SEC. 8-1 THE DEPTH OF COVER OVER WATER PIPES SHALL BE NOT LESS THAN 2 1/2 FT. TO PREVENT MECHANICAL DAMAGE AND SHALL BE BURIED A MINIMUM OF 3 FT. OVER DRIVEWAYS.

NFPA 24 SEC. 8-3.1 PIPE SHALL NOT BE RUN UNDER BUILDINGS.

#### FIRE PLAN NOTES

1. FIRE HYDRANTS TO BE INSTALLED SHALL BE "WET BARREL" OF THE TYPE AND MAKE ACCEPTABLE TO THE CITY OF FREMONT FIRE DEPARTMENT. ACCEPTABLE TYPES:  
CLOW-MODEL 950  
CLOW RANGER-MODEL 950  
LONG BEACH-MODEL 614
2. PAINT FIRE HYDRANT  
FIRE PLUG YELLOW NO. 1400 D  
MANUFACTURED BY SHANNON PAINT CO, FREMONT



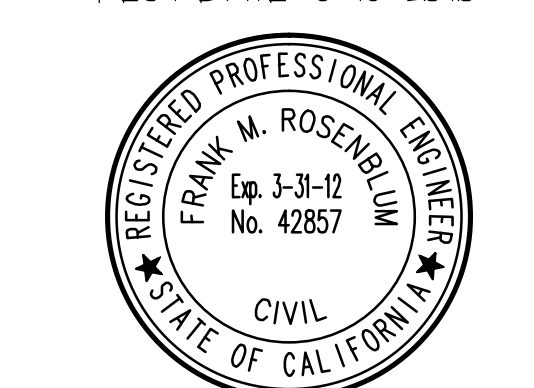
444 DeHaro Street, Suite 220  
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Client  
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1009 66th Ave.  
Oakland, CA 94621

Consultants  
**UNDERWOOD & ROSENBLUM, INC.**  
civil engineers and surveyors  
PROJECT NO. 05035  
PLOT DATE: 6-16-2010



Sheet Name  
SITE FIRE SERVICE PLAN

Approval Stamp

Revisions

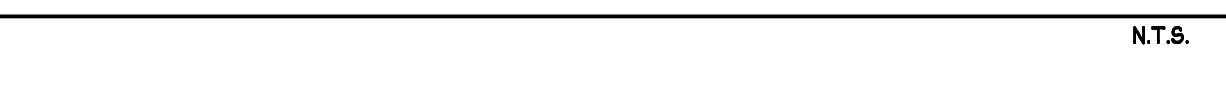
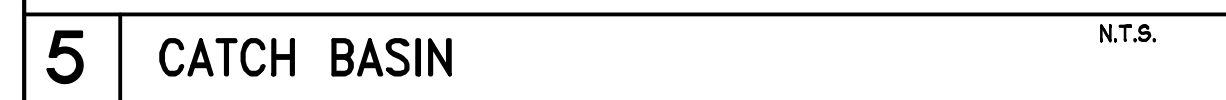
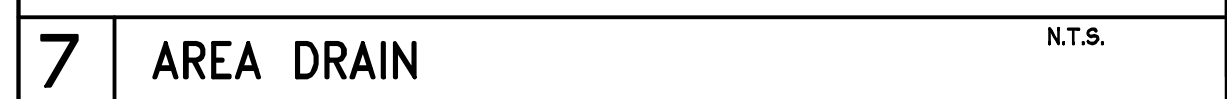
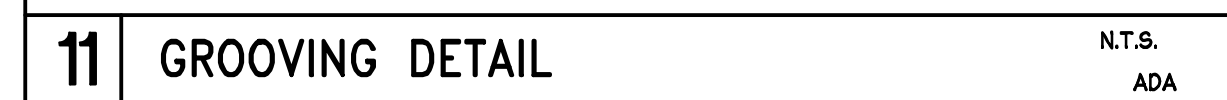
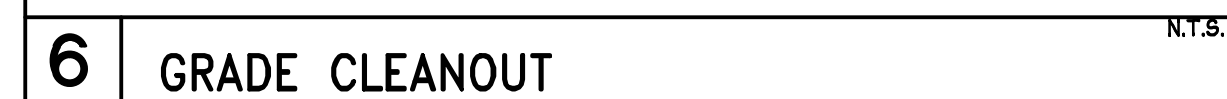
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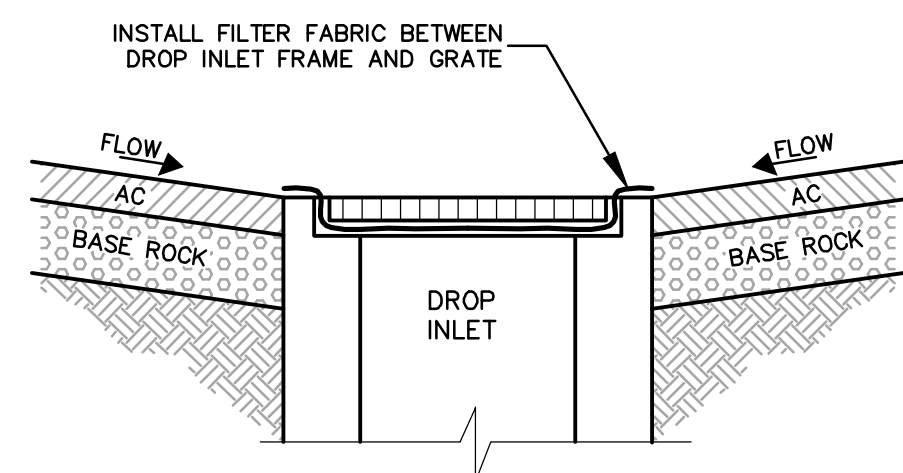
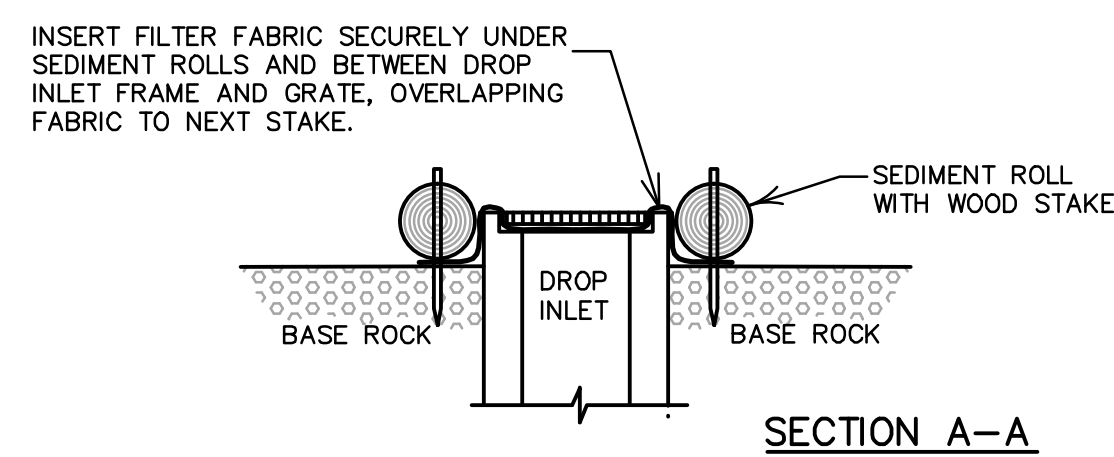
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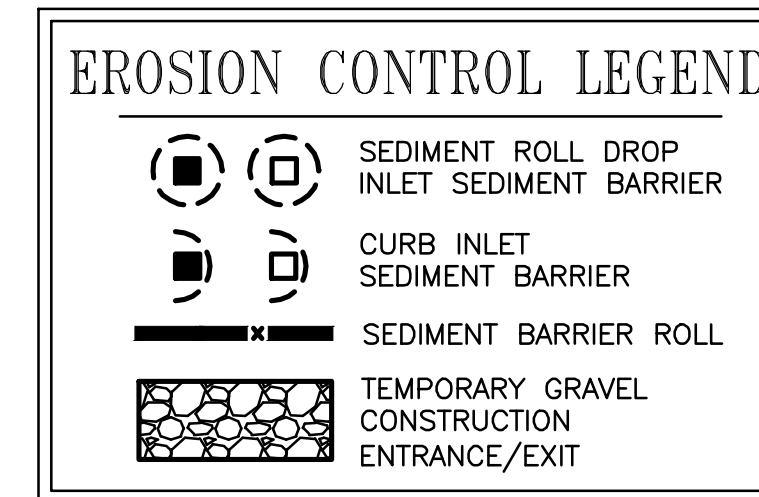
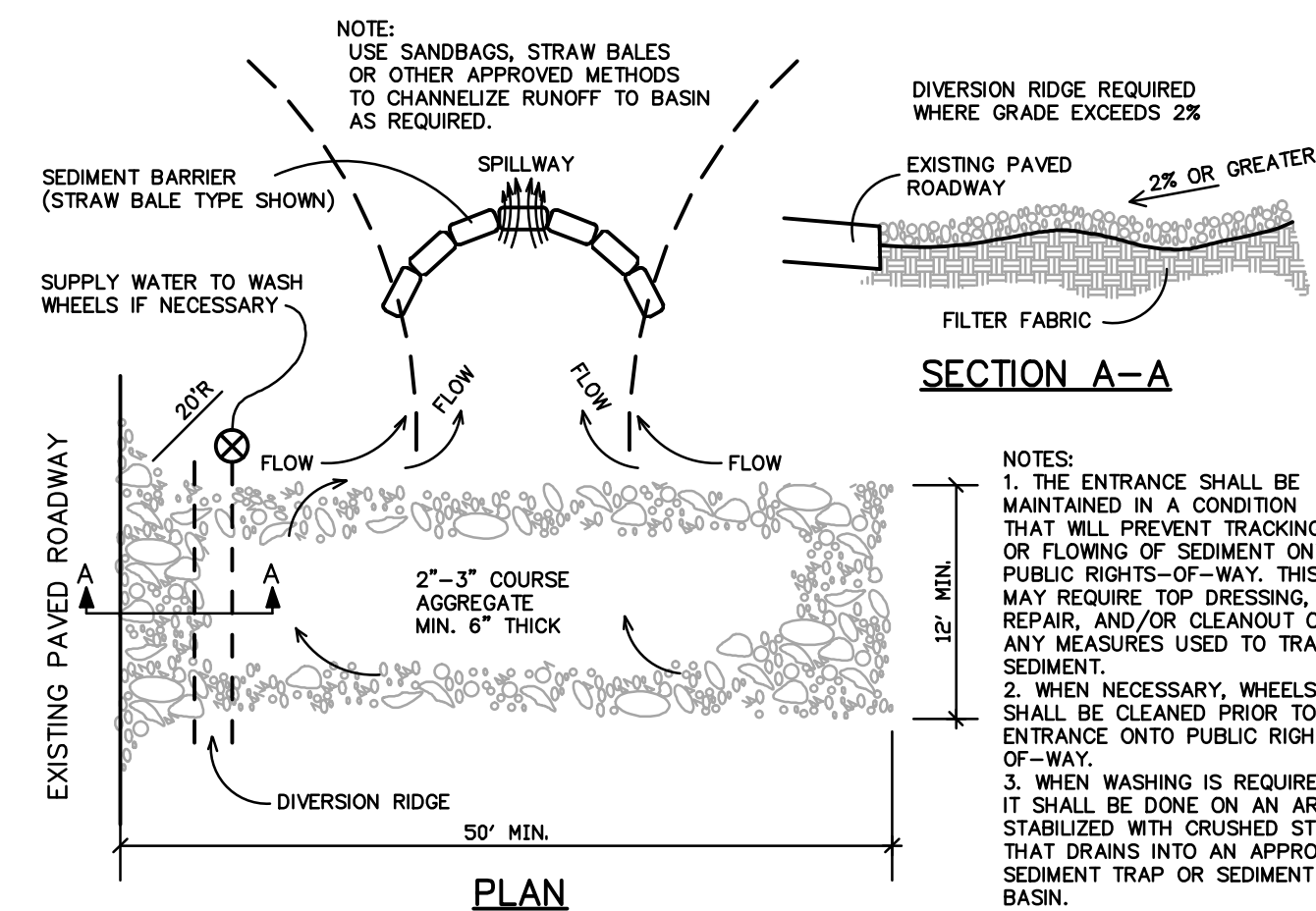
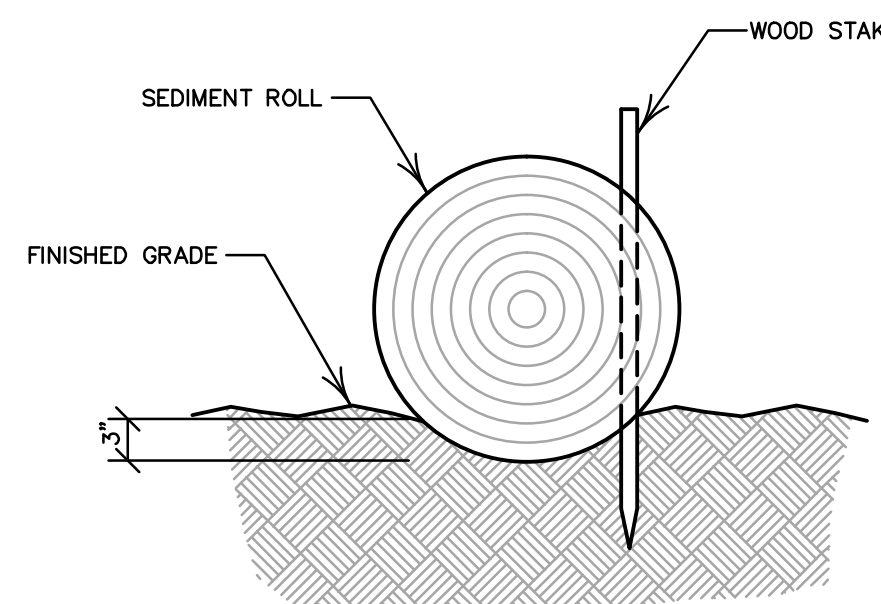
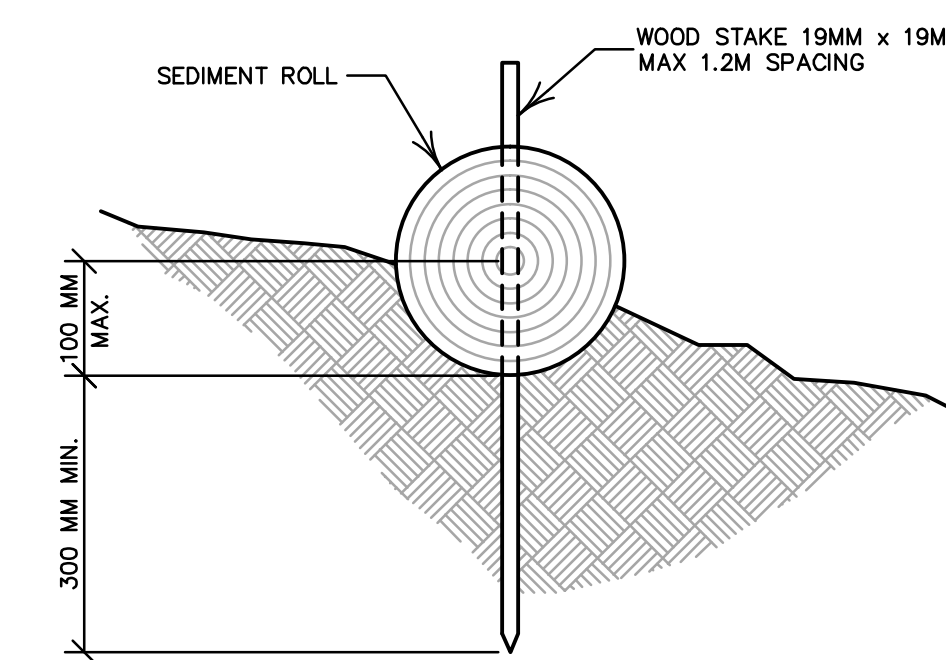
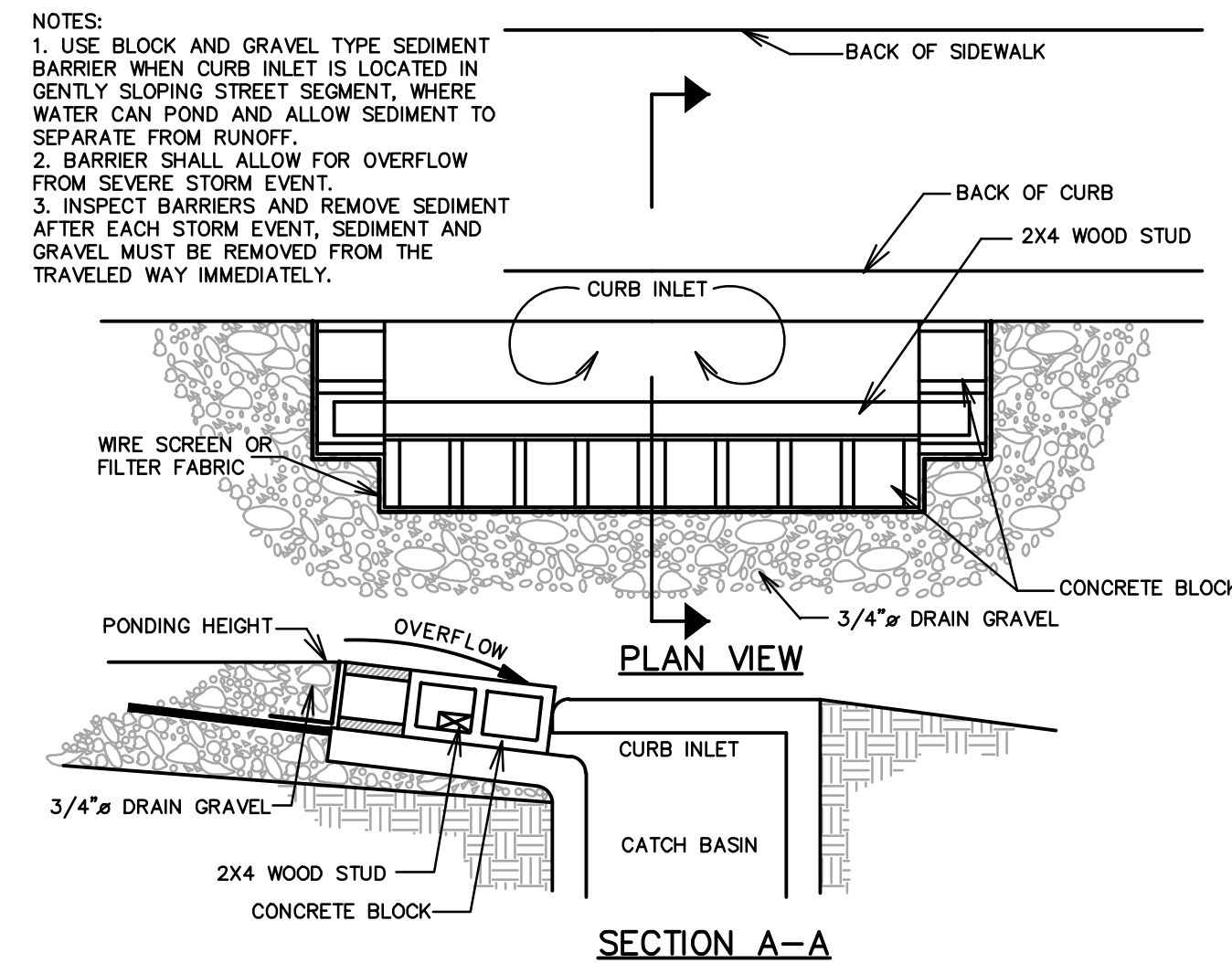






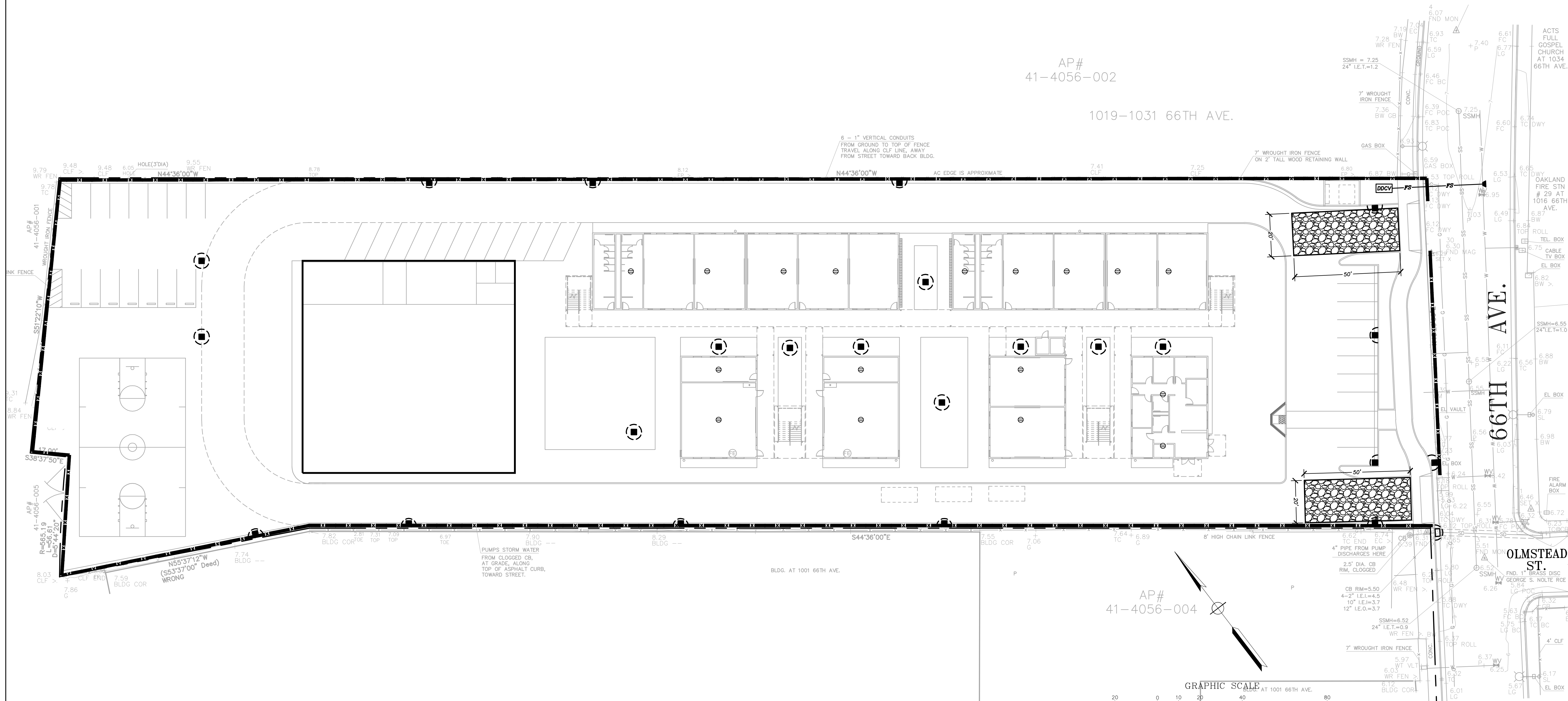


FILTER FABRIC DROP INLET SEDIMENT BARRIER  
(TO BE IN PLACE FOLLOWING PLACEMENT OF PAVEMENT ADJACENT TO DROP INLET.)



EROSION CONTROL NOTES

2. THE FACILITIES SHOWN ON THIS PLAN ARE DESIGNED TO CONTROL THE SEDIMENT DURING THE RAINY SEASON, OCTOBER 1, TO APRIL 15, AFTER ROUGH GRADING HAS BEEN COMPLETED. MEASURES MUST BE OPERATIVE PRIOR TO OCTOBER 1ST OF ANY YEAR GRADING OPERATIONS HAVE LEFT AREAS UNPROTECTED FROM EROSION.
3. MAINTENANCE IS TO BE PERFORMED AS FOLLOWS:
  - A) REPAIR DAMAGES CAUSED BY SOIL EROSION OR CONSTRUCTION TO THE SURFACE OF ANY WORKING DAY.
  - B) SWALES SHALL BE INSPECTED PERIODICALLY AND MAINTAINED AS REQUIRED.
  - C) STRAW BALE DIKE, BERMS, AND SWALES ARE TO BE INSPECTED AFTER EACH STORM AND REPAIRS ARE TO BE MADE AS NEEDED.
  - D) SEDIMENT SHALL BE REMOVED AND SEDIMENT TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO WITHIN ONE FOOT OF OUTLET ELEVATION.
  - E) SEDIMENT REMOVED FROM TRAP SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
4. DURING THE RAINY SEASON, ALL PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LAIDEN TO EXISTING PAVED AREAS.
5. INLETS NOT USED FOR COLLECTION WITH EROSION CONTROL TO BE BLOCKED UNTIL THE AREA DRAINED IS UNDISTURBED OR STABILIZED.
6. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISBURSED OR WHEN STABILIZED AND CHANGES TO THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF THE DIRECTOR OF PUBLIC WORKS.
7. THIS PLAN COVERS ONLY THE FIRST WINTER FOLLOWING GRADING. PLANS ARE TO BE RE-SUBMITTED FOR CITY APPROVAL PRIOR TO THE BEGINNING OF EACH SUBSEQUENT YEAR UNTIL THE SITE IMPROVEMENTS ARE ACCEPTED BY THE CITY.
8. ALL EROSION CONTROL FACILITIES MUST BE INSPECTED AND MAINTAINED AT EACH WORKING DAY OR DAILY DURING THE RAINY SEASON.
9. SEDIMENT BASINS SHALL BE CLEANED OUT WHENEVER SEDIMENT REACHES THE SEDIMENT CLEANOUT LEVEL INDICATED ON THE PLANS.
10. BORROW AREAS AND TEMPORARY STOCKPILES SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES TO THE SATISFACTION OF THE DIRECTOR OF PUBLIC WORKS.
11. ALL CUT AND FILL SLOPES ARE TO BE PROTECTED TO PREVENT OVERBANK FLOW.
12. THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT MAY OCCUR DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS MAY BE MADE TO THE PLAN IN THE FIELD SUBJECT TO THE APPROVAL OF THE CITY.
13. ALL NEW OR EXISTING DRAINAGE IN EXISTING OR PROPOSED AC PAVEMENT AREAS SHALL BE FITTED WITH A "FOSSIL FILTER FLOGARD" SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.



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**UNDERWOOD & ROSENBLUM, INC.**  
civil engineers and surveyors  
1630 Oakland Road, Ste. A114 San Jose, Co. 95131  
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PROJECT NO. J05035  
PLOT DATE: 6-16-2010



Sheet Name  
EROSION CONTROL  
PLAN

Approval Stamp

## Revisions

Sheet Information	
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Sheet Name  
OFF-SITE STREET  
IMPROVEMENT PLAN:  
66TH AVENUE

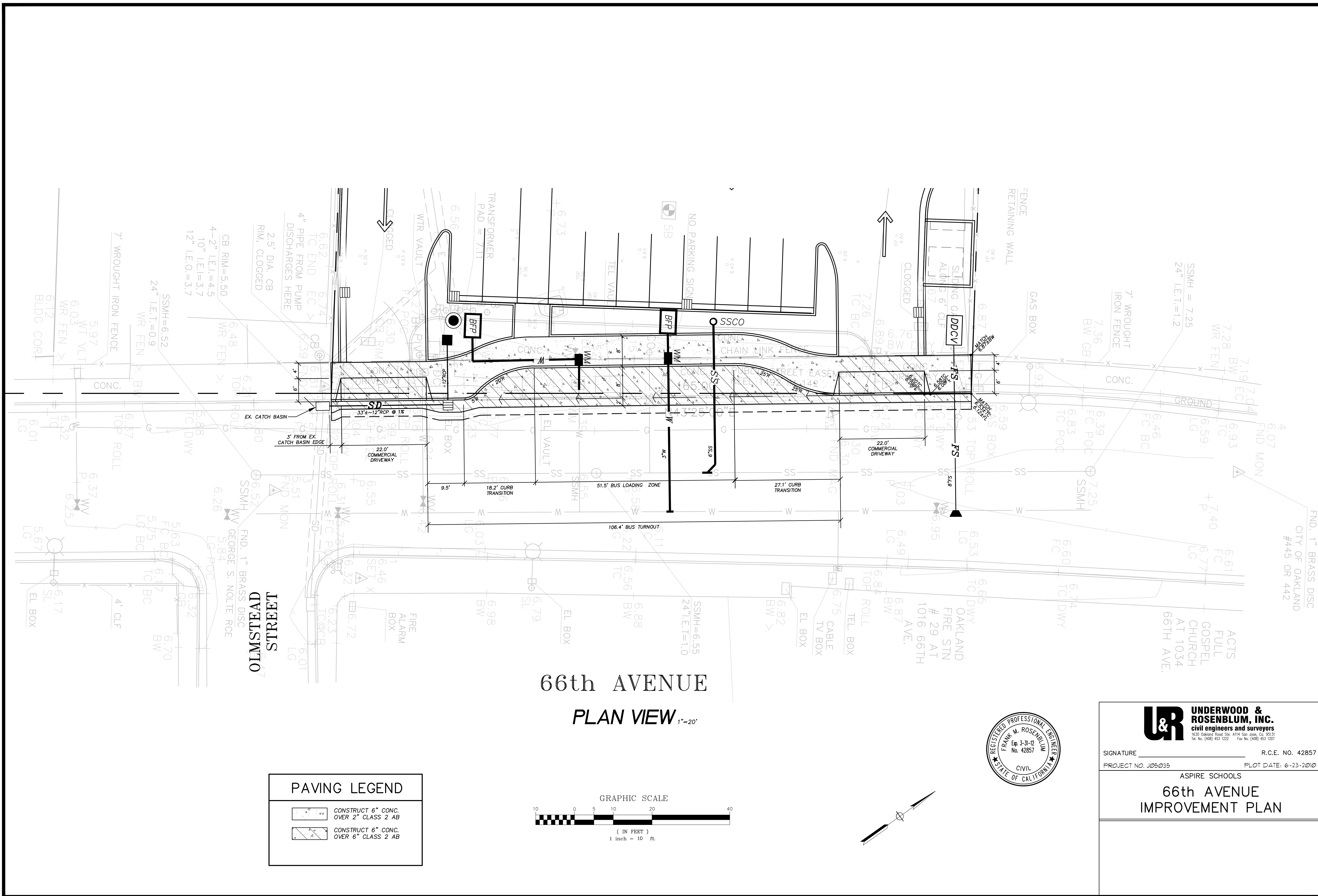
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Sheet

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**Attachment 7**

Correspondence with USEPA



## Trestler, Lauren

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**From:** Goloubow, Ron  
**Sent:** Friday, October 16, 2009 11:40 AM  
**To:** Santos.Carmen@epamail.epa.gov; Wilson.Patrick@epamail.epa.gov  
**Cc:** Gibbs, Alan; Seyfried, Scott; Jones, Michael  
**Subject:** FW: 66th Avenue, Oakland, CA - TSCA issues

Carmen - Thanks so much for reviewing the data for the subject Site. LFR would like to arrange for a conference call with you to discuss our approach to the project in response to the email you sent on October 13, 2009 (below). We are proposing that the conference call take place on either Wednesday, October 22, at 1200 Pacific Standard Time (PST) or Thursday, October 23 at 0900 PST.

The subject of the conference call will be to present and discuss LFR's conceptual approach to this project and will focus on the following specific issues:

- The scope of work to be presented in the Self-Implementing On-Site Cleanup and Disposal work plan – (i.e. the scope of work to collect additional soil and/or concrete samples to assess PCBs in soil and concrete at the Site)
- Proposed building demolition and soil disposal plan

Please let me know which day and time works for you &-or Patrick Wilson.

Thanks Ron.

Ron Goloubow, P.G.  
LFR Inc., an ARCADIS Company  
510-596-9550 Direct Dial  
510-501-1789 Cell  
510-652-4906 Facsimile  
[ron.goloubow@lfr.com](mailto:ron.goloubow@lfr.com)

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**From:** Santos.Carmen@epamail.epa.gov [mailto:Santos.Carmen@epamail.epa.gov]  
**Sent:** Tuesday, October 13, 2009 3:10 PM  
**To:** Goloubow, Ron  
**Cc:** Wilson.Patrick@epamail.epa.gov; Santos.Carmen@epamail.epa.gov  
**Subject:** PCBs at Aspire Property (66th Avenue, Oakland, CA)  
**Importance:** High

Dear Ron Goloubow:

Thank you for making contact with USEPA Region 9 (USEPA) to determine if the Toxic Substances Control Act (TSCA) regulations for polychlorinated biphenyls (PCBs) in 40 CFR Part 761 (the "PCB Regulations") apply to the Aspire property (site) on 66th Avenue (between East 14th Street and San Leandro Street) in Oakland. You work with LFR who is Aspire's consultant. Aspire plans to build a school (middle / high school combined) at its property. PCBs are present in soils at the site among other contaminants.

We believe that TSCA requirements apply to the cleanup of PCBs at the site based on the information we have reviewed in the LFR /Arcadis July 9, 2009 revised Corrective Action Plan (CAP). Section 4.1.1 of the CAP states that "[d]ocumented releases of hazardous materials at the Site include petroleum hydrocarbon compounds (from the former UST) and PCBs (presumably from their manufacture and service of transformers and other electrical equipment components)." We clarify that although soil sampling / analysis data presented in the CAP show PCBs mostly at concentrations below 50 mg/kg



(ppm) and one hot spot at 69.68 ppm PCBs, releases from at least Pacific Electric Motors (PEM) resulted in the PCB contamination at the site. Soils with PCB concentrations up to 45,470 ppm were excavated by PEM under the oversight of Alameda County Department of Environmental Health (ACDEH). Based on the CAP, Pacific Electric Motors operations involved manufacturing and servicing of transformers and other electrical equipment components. TSCA requirements apply at the site. Therefore, this message provides guidance on PCB cleanup options available under TSCA and some recommendations.

Based on the CAP (LFR / Arcadis) and as a prelude to the recommendations that we are making later in this message, we include below a brief summary of site operations and ownership.

- Pacific Electric Motors (PEM) occupied the site from 1949 to 2001.
- PEM constructed the two buildings that currently occupy the site: the Manufacturing / Office Building and the Warehouse.
- At the site, PEM was involved with manufacturing of specialty magnets, power supplies, and components; and repairing of transformers, motors, generators and magnets.
- In about 1975, PEM installed at the site a 2,000-gallon gasoline underground storage tank.
- PEM may have stored vehicle lubricants and oil for vehicle maintenance.
- Among others, waste water discharges in the past included air compressor condensate.
- Highest documented concentration of PCBs in soils at the former PEM site is 45,470 mg/kg.
- Mo Dad Properties acquired the site in 2001; and the on-site buildings were occupied by Bay Area Powder Coatings.
- Bay Area Coatings declared bankruptcy.
- Landeros Iron Works subleased the property from Bay Area Coatings and vacated the site in 2008.
- The site is currently vacant and the original structures still remain.

In addition to the above, we understand that in 1992 and 1993, PEM conducted soil investigations as required by ACDEH. Approximately, 400 cubic yards of soil that contained up to 45,470 mg/kg PCBs as Aroclor 1260 were excavated and disposed offsite. ACDEH had required PEM to meet a 1 mg/kg PCB level in soils as the excavation remedial goal. ACDEH issued a "No Further Action" letter to PEM after completion of the soil removal activities.

### **Current PCB Contamination**

Based on the data presented in the CAP, PCB-contaminated soils are still present at the site: samples taken of the Northern Area have PCBs below 50 ppm (ranging from not detected to 21.34 ppm PCBs) and samples taken in the Southern Area show PCBs above 50 ppm (samples range from not detected to one sample at 69.68 ppm PCBs). The CAP does not provide the basis for the areas at the site that were investigated for PCBs and LFR believes the investigated areas were targeted based on the operations conducted at the site.

Lacking additional information on the site, it is uncertain if previous soil investigations for PCBs identified all potential PCB source areas (based on PEM and others that occupied the site) and if such investigations involved the entire 2.5-acre site. For example, it is uncertain if historic and most recent soil investigations included a PCB assessment in the area of the steam-cleaning sump where the water was found to contain traces of PCBs (CAP, Section 2.1.2). If the sump is still present at the site, is it made of concrete and if it is, have bulk concrete samples been collected from the concrete, and soil samples collected beneath and in proximity to the sump?

Discharges of "air compressor condensate" occurred at the site and these discharges may have contained PCBs depending on the age and type of compressor used and the oil contained in the compressor. Releases of oil from transformers and other electrical equipment potentially containing PCBs also occurred at the site. In addition, several types of oils were stored at the site some of which were used for vehicle maintenance. A possibility exists that some of these oils may have been hydraulic fluids (PCBs were also added to hydraulic oils in the past) or other oils (potentially containing PCBs) used to service other equipment on site like air compressors. Aroclor 1260, which is associated with transformer oils, hydraulic fluids, and other applications, was detected in soils at the site.

Section 8.1.1 (Site Management) of the "Implementation Plan" (Section 8.0) of the CAP states that building materials will be removed from the site and reference is made to materials such as lead-based paint and asbestos containing material (such as transite [asbestos concrete] pipes). We understand that building structures existing at the site are made of metal (on concrete slab) and will be demolished before construction of the school. We also understand that PEM constructed these buildings in the late 1940s.

### **Alternatives for PCB Cleanup**



Based on the limited information that we have reviewed, cleanup of the site and demolition activities will involve the need to properly dispose of PCB remediation wastes (including bulk PCB remediation waste such as soils) and PCB bulk product wastes. The terms PCB remediation waste and PCB bulk product waste are defined in the PCB Regulations at 40 C.F.R. 761.3.

Section 761.61 maps out the requirements of the PCB Regulations for cleanup and disposal of PCB remediation wastes while section 761.62 sets out the requirements for disposal of PCB bulk product waste. Self-implementing procedures for cleanup and disposal of PCB remediation wastes can be found at 40 CFR 761.61(a) and the procedure for a risk-based disposal approval is found at 40 CFR 761.61(c). The [http://www.access.gpo.gov/nara/cfr/waisidx\\_08/40cfr761\\_08.html](http://www.access.gpo.gov/nara/cfr/waisidx_08/40cfr761_08.html) link will take you to the PCB regulations in the electronic Code of Federal Regulations after you paste it in your web browser. PCB remediation waste and PCB bulk product waste are defined in 40 CFR 761.3.

Adequate characterization of the site is required for the self-implementing procedure. See 40 C.F.R. 761.61(a)(2). The self-implementing procedures set out in section 761.61(a) may **not** be used to clean up surface or ground waters; sediments in marine and freshwater ecosystems; sewers or sewage treatment systems; any private or public drinking water sources or distribution systems; grazing lands; or vegetable gardens. See 40 CFR 761.61(a)(1).

Therefore, the site characterization in the notification submitted to USEPA should clearly explain what has been contaminated by PCBs and all reasonably foreseeable uses of the property given its proposed use as a school. For example, many schools in California have installed vegetable gardens as part of their educational curriculums and therefore the potential for asphalt or concrete being removed for a vegetable garden at some time in the future should be evaluated. The change in the use of the Aspire site is relevant to the required cleanup level and the procedures which apply. USEPA has the authority to require cleanup of a site, or portions of it, to more stringent cleanup levels than are otherwise required by the self-implementing procedures, based on the proximity to areas such as schools. See 40 CFR 761.61(a)(4)(vi).

The risk based option authorized by section 761.61(c) of the PCB Regulations requires a risk evaluation for on-site cleanup and disposal of PCB remediation waste in addition to the notification and certification requirements specified in subsection 761.61(a)(3). The risk based disposal option is used by parties when they want to cleanup a site, collect samples, or dispose of PCB remediation waste in a manner different than prescribed in section 761.61(a) or when the self-implementing procedures are not applicable.

Under both PCB cleanup options, a Notification and Certification must be submitted to USEPA in accordance with subsection 761.61(a)(3) of the PCB Regulations and this notification involves characterizing the site adequately. The certification required in subsection 761.61(a)(3) should include all of the information specified by that provision and a certification meeting all the requirements of sections 761.3 (defining certification) and 761.61(a)(3)(i)(E) of the PCB Regulations. For cleanups where the self-implementing procedure is allowable and the option being pursued, USEPA will respond in writing (approving of the self-implementing cleanup, disapproving of the self-implementing cleanup, or requiring additional information) within 30 calendar days. USEPA has no mandated time frame to approve a risk-based application for a PCB cleanup. Cleanup and verification of a cleanup conducted under the PCB self-implementing cleanup option must be conducted in accordance with all the applicable requirements in 761.61(a), including 761.61(a)(6).

PCB contaminated soils at the site that will be disposed offsite are PCB bulk remediation waste. Disposal of these soils should be based on as found (in situ) PCB concentrations, not on the concentration of the soil after it has been excavated and placed in a pile.

Other PCB remediation wastes expected to be generated as part of the cleanup include concrete surfaces at the site contaminated with PCBs, personal protective equipment, cleanup wastes, and liquids. Disposal requirements for these wastes are in 40 CFR 761.61(a)(5). In addition, decontamination of sampling and equipment and disposal of decontamination residues should be conducted in accordance with 40 CFR 761.79 (c), (d), (e), (f), and (g).

The CAP contains a good portion of the information required in the Notification and Certification which must be submitted to USEPA for either the self-implementing or risk based PCB cleanup options, but USEPA needs more detailed information. See below.

The extent of PCB contamination has to be clearly discussed as well as any information concerning PCB sources at the site. The extent of contamination is not clear to USEPA so the site investigation uncertainties mentioned earlier in this message should be addressed in the cleanup plan. The cleanup plan should present PCB analysis data as total PCBs and speciated Aroclors (e.g., Aroclor 1242, Aroclor 1260).



## **Recommendations**

We recommend the following:

- The characterization of the Aspire site still contains data gaps and uncertainties. Some of these uncertainties were described earlier in this message. As required by 40 CFR 761.61(a)(2), characterize the Aspire site in more detail to provide USEPA with adequate information concerning the nature of the contamination, including: (a) kinds of materials contaminated; (b) a summary of the procedures used to sample contaminated and adjacent areas and a table or cleanup site map showing PCB concentrations measured in all pre-cleanup characterization samples. The summary must include sample collection and analysis dates. USEPA will require more detailed information including additional characterization sampling - see below. (c) The location and extent of the identified contaminated area, including topographic maps with sample collection sites cross referenced to the sample identification numbers in the data summary. (d) A cleanup plan for the site, including schedule, disposal technology, and approach. This plan should contain options and contingencies to be used if unanticipated higher concentrations or wider distributions of PCB remediation waste are found or other obstacles force changes in the cleanup approach.
- Utilize Subpart N of the PCB Regulations, which sets out a method for collecting new site characterization data, for assessing the sufficiency of existing site characterization data.
- Utilize Subpart O to verify that cleanup levels have been met after characterization and cleanup have been conducted.
- Utilizing appropriate procedures as specified in the PCB Regulations, collect additional soil data at the Aspire site to determine if PCBs are present in other areas (e.g., steam cleaning sump) of the site. Additional soil samples should be collected in areas where PCBs may be a co-contaminant and in areas where PCB samples were not collected and TPH is or may be present and enhancing the solubility of PCBs in soils.
- Provide adequate information to characterize whether the PCBs at the Aspire site have migrated to groundwater (such as ground water samples).
- The July 9, 2009 revised CAP includes the ACDEH PCB cleanup level of 0.39 ppm for soils. The self implementing PCB cleanup regulations in 40 CFR 761.61(a)(4) requires a PCB cleanup level for high occupancy areas equal to or below 1 ppm without further restrictions, but USEPA has the authority to impose more stringent requirements if needed due to considerations such as proximity to a school. In some circumstances a cleanup goal lower than the level set by ACDEH might be appropriate. EPA has not yet made a determination regarding the appropriate cleanup level in this instance. If made available to USEPA, we will review the calculations and basis used in developing the 0.39 ppm PCB cleanup goal in the CAP. Whatever cleanup goal is ultimately adopted as the cleanup level for the TSCA cleanup, the owner of the property would be required to meet the cleanup level adopted for the TSCA cleanup.
- PCB bulk product waste: We believe that PCB bulk product waste will be generated during demolition of the structures at the site. Although a specific approval from USEPA is not necessary for removal and disposal of PCB bulk product waste, we recommend that the LFR / Arcadis PCB cleanup plan also include a section on removal and disposal of PCB bulk product waste. Given the age of the structures, we recommend a survey be done on these structure to determine PCB products that may be involved. For example the metal walls of the buildings may be made of metal siding that may be coated with a PCB coating like Galbestos. If manufactured with this coating the metal walls of the building would be a PCB bulk product waste.

I hope the above information is useful in preparing a PCB cleanup plan that meets TSCA requirements. Please call me if you have any questions concerning this message.

Sincerely,

Carmen D. Santos  
Project Manager  
RCRA Corrective Action Office  
Waste Management Division  
USEPA Region 9  
Voice: 415.972.3360  
Facsimile: 415.947.3553



## Trestler, Lauren

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**From:** Goloubow, Ron  
**Sent:** Tuesday, October 20, 2009 7:26 PM  
**To:** Santos.Carmen@epamail.epa.gov; Wilson.Patrick@epamail.epa.gov  
**Cc:** Charles Robitaille; Gibbs, Alan; Seyfried, Scott; Jones, Michael; Goloubow, Ron  
**Subject:** 1009 66th Ave. Oakland, CA - soil sample rationale  
**Attachments:** 1009-66th Ave, Oakland, CA - PCB Sample Location Rational 10-19-2009.pdf; Figure 1-09155.00\_F1.pdf; PCBs in soil rev 1.pdf

Carmen - The attached provides the rationale for the proposed soil and concrete sample locations to be collected for polychlorinated biphenyls (PCBs) analysis at the subject Site. I will follow up with you Wednesday October 21, 2009 in the early afternoon to find out what progress the EPA has made regarding the review of the "conceptual" sampling plan for this project. If you have any questions regarding this letter or the project in general, please do not hesitate to contact me at 510-596-9550.

Thanks Ron.

Ron Goloubow, P.G.  
Senior Associate Geologist  
LFR Inc., an ARCADIS Company  
1900 Powell Street, 12th Floor  
Emeryville, CA 94608-1827  
510-596-9550 Direct Dial  
510-501-1789 Cell  
510-652-4500 Main Number  
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[ron.goloubow@lfr.com](mailto:ron.goloubow@lfr.com)  
Visit us at [www.lfr.com](http://www.lfr.com)



## Trestler, Lauren

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**From:** Goloubow, Ron  
**Sent:** Friday, October 23, 2009 7:01 PM  
**To:** Santos.Carmen@epamail.epa.gov; Wilson.Patrick@epamail.epa.gov  
**Cc:** Gibbs, Alan; Seyfried, Scott; Goloubow, Ron; Jones, Michael; Charles Robitaille  
**Subject:** 1009 66th Ave. Oakland, CA Self-Implementing Cleanup Plan  
**Attachments:** 1009 66th Ave-Oakland, CA-TSCA Letter -SICP 10-2309.pdf; Fig 1 Proposed Charter School Site Location.pdf; Figure 2 SICP.pdf

In preparation of our meeting on Tuesday afternoon please find the Self-Implementing Cleanup Plan for the subject Site. As we discussed, LFR anticipates initiating this cleanup on a "fast track" schedule to meet the client's loan and construction milestones, which are less than 30 days after submittal of this notification.

We here at LFR and Aspire Charter Schools appreciate your time assisting us with our accelerated schedule and look forward to meeting with you on Tuesday. If you have any questions or need any more information prior to our meeting please do not hesitate to contact me.

Ron.

Ron Goloubow, P.G.  
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## Trestler, Lauren

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**From:** Goloubow, Ron  
**Sent:** Friday, November 06, 2009 1:30 PM  
**To:** Santos.Carmen@epamail.epa.gov  
**Cc:** Gibbs, Alan; Goloubow, Ron  
**Subject:** 1009 66th Ave. Oakland, CA - soil, concrete, & bldg material sampling  
**Attachments:** bldg mat maps\_001.pdf; concrete & soil samples\_001.pdf; Test America Building Materials Sample results.pdf; Test America Soil - Concrete Sample results-10-2009.pdf

Carmen the following items are attached:

Two maps (Figures 3 and 5) illustrate the locations of the five samples of building materials that were collected from building 1 (the large warehouse) on 10-29-2009. I have also written in the analytical results of the PCB analyses on these maps.

One map (Figure 2) that illustrates the locations of the 12 soil samples collected approximately 0.5 to 1.5 feet bgs from soil borings SB-1 through SB-12 that are located across the property. As we discussed, each of these soil samples did not contain PCB above laboratory reporting limits.

Also illustrated on this map (Figure 2) are the locations of concrete samples collected from inside the building 1 (the large warehouse; SB-5, SB-6, SB-8, and SB-10). Concrete sample SB-9 was collected from an oily stained area on the concrete pad for the air compressor.

I have also attached the laboratory reports for these samples.

The surveyor is on site locating the samples so that the exact soil and concrete sample locations may be revised.

I will contract you later today around 1:00 pm for an update on this project. If you have any questions in the interim please do not hesitate to contact Alan or me.

Thanks Ron.

Ron Goloubow, P.G.  
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November 18, 2009

003-09155-08  
*transmitted via email only*

Ms. Carmen Santos  
U.S. Environmental Protection Agency, Region 9  
Mail Code WST-5  
75 Hawthorne Street  
San Francisco, CA 94105

**Subject:** Conditional Approval of the Toxic Substance Control Act Self-Implementing Cleanup Notification and Certification, Former Pacific Electric Motors Facility, 1009 66th Avenue in Oakland, California

Dear Ms. Santos:

The property owner, Aspire Public Schools (Aspire) and LFR Inc., an Arcadis Company (LFR) would like to thank the staff of the U.S. Environmental Protection Agency (USEPA) for the letter providing the conditional approval of the Self-Implementing Cleanup Plan (SICP; dated October 23, 2009) with conditions at the former Pacific Electric Motors Facility 1009 66th Avenue in Oakland, California (the "Site" [Figure 1] letter dated, November 13, 2009; the "EPA Letter"). The excavation of the polychlorinated biphenyl (PCB) affected soil began at the Site in accordance with the SICP and the EPA Letter on November 4, 2009 (Figure 2).

Aspire and LFR's intention to comply with the parameters of the conditional approval are provided as follows:

**1. Certification Signed by LFR & Aspire**

A revised certification for this project signed by representatives of both Aspire and LFR is attached.

**2. Pre-Demolition and Post-Demolition PCB survey**

The pre-demolition and post-demolition sampling plan for building materials is provided as an attachment to this letter.



### **3. Sampling & Analysis Plan**

As acknowledged in the EPA Letter, LFR transmitted a Sampling and Analysis Plan for the Site (the “SAP”) on November 5, 2009. This SAP focused on the objectives, methods, procedures associated with the soil samples to be collected and analyzed in conjunction with pre-demolition soil characterization and post-remediation soil sampling. As requested, the pre-demolition and post-demolition sampling plan for building materials is provided as an attachment of this letter.

### **4. Sequence of Pre-Cleanup PCB Soil Characterization; Pre-Demolition Sampling; Soil Remediation; Soil Clean-Up Verification**

Aspire and LFR will complete the project under the following sequence of work:

- Pre-Cleanup PCB Soil Characterization – The scope of this work was completed in accordance with the SAIC and the SAP
- Pre-Demolition Sampling - this sampling was completed in accordance with the building materials SAP provided above (in this letter).
- Soil Remediation - Site remedial actions are taking place at the Site in accordance with the Revised Corrective Action Plan, the SAIC, and the SAP
- Soil Clean-Up Verification and Post-Demolition Sampling - Soil clean up verification and post-demolition sampling will be conducted in accordance with the procedures provided in the CAP, SAP, and SAIC. As provided in the SAIC, post-demolition soil sampling regarding the removal of the sewer pipelines at the Site will take place by collecting soil samples adjacent to the sanitary and storm sewer pipelines that are to be abandoned as part of the redevelopment of the Site. If material (liquid or solid) is present in the sewer pipes, samples will be collected for PCB analysis (EPA test method 8082) so that the material may be disposed of in accordance with the procedures provided in the EPA letter (see item 5 below).
- Following the demolition of the large warehouse building, soil samples will be collected from the ground surface (surface soil samples) at areas of the Site that were unpaved during demolition activities. Soil samples will be collected on a 75-foot grid in the unpaved areas. Samples will be collected and analyzed using methods provided in the SAP.
- In addition to samples of material from in the sewer pipeline(s) and as provided in the SAIC, soil samples will be collected every approximately 50 feet of sewer line approximately 1 to 2 feet below the pipeline invert. The soil samples will be analyzed for PCBs in accordance with the SAP. If soil containing greater than 0.13 milligrams per kilogram (mg/kg) is detected in the soil samples, additional soil will be removed and the additional confirmation soil samples will be collected for analysis in accordance with the SAP.



## 5. PCB Remediation Waste

Aspire has the following EPA identification number for this property: CAC002647778. Aspire and LFR will dispose of the soil in accordance with the procedures provided in the EPA letter. As such (porous and non-porous) building materials will be disposed of in accordance with the following regulations:

### *§ 761.61 PCB Remediation Waste*

*Bulk PCB remediation waste may be sent off-site for decontamination or disposal in accordance with this paragraph, provided the waste is either dewatered on-site or transported offsite in containers meeting the requirements of the DOT Hazardous Materials Regulations (HMR) at 49 CFR parts 171 through 180. (1) Removed water shall be disposed of according to paragraph (b)(1) of this section.*

*(2) Any person disposing off-site of dewatered bulk PCB remediation waste shall do so as follows:*

*(i) Unless sampled and analyzed for disposal according to the procedures set out in § 761.283, 761.286, and 761.292, the bulk PCB remediation waste shall be assumed to contain  $\geq 50$  ppm PCBs.*

*(ii) Bulk PCB remediation wastes with a PCB concentration of  $< 50$  ppm shall be disposed of in accordance with paragraph (a)(5)(v)(A) of this section.*

*(iii) Bulk PCB remediation wastes with a PCB concentration  $\geq 50$  ppm shall be disposed of in a hazardous waste landfill permitted by EPA under section 3004 of RCRA, or by a State authorized under section 3006 of RCRA, or a PCB disposal facility approved under this part.*

Analytical results of soil samples collected from soil boring 4B located in proposed excavation area PCB-EXC1, contained PCBs at a concentration of greater than 50 mg/kg (see Figure 2). Based on these analytical results, soil excavated from this area will be transported off-site and disposed of at Waste Management's Kettleman Hills Landfill.

Analytical results of soil samples collected from soil borings located in proposed excavation areas PCB-EXC2, PCB-EXC3, and PCB-EXC4 of the Site contained PCBs at a concentration of less than 50 mg/kg (see Figure 2). Based on these analytical results, this soil will be transported off-site and disposed of at Republic Services' Vasco Road Landfill located in Livermore, California.

### *§ 761.62 Disposal of PCB Bulk Product Waste*

*(b) Disposal in solid waste landfills. (1) Any person may dispose of the following PCB bulk product waste in a facility permitted, licensed, or registered by a State as a municipal or non-municipal non-hazardous waste landfill.*



Based on the analytical results of samples collected from the various building materials at the Site, the building materials from the Site generated from demolition activities will be transported off-site and disposed of at Republic Services' Vasco Road Landfill located in Livermore, California.

#### **6. Measures to Prevent Exposure of the Neighboring Community to Air Borne Particulates**

In accordance with the SICP, the following provides the details regarding the air monitoring plan for the proposed excavation and demolition activities that are proposed for the Site.

##### ***Air Monitoring and Dust Control Measures***

Real-time aerosol monitoring devices (mini-RAM) will be used to monitor total dusts generated during site work. If dust in excess of background levels (greater than 0.25 milligram per cubic meter [ $\text{mg}/\text{m}^3$ ] above background levels) is observed for a sustained period of time (greater than 5 minutes), appropriate dust suppression measures (e.g., spraying soil with water) will be undertaken.

A total dust action level of  $0.25 \text{ mg}/\text{m}^3$  above background levels that is sustained for 15 minutes would be conservative for the various COPCs detected on the Site that would be likely to adhere to windblown dust and protective of the on-site workers and members of the surrounding community.

Field staff will obtain and document total dust readings from the mini-RAM throughout each work day when affected soil excavation activities are occurring on the Site. These readings will be obtained from air monitoring stations established along the Site's perimeters (a total of 5 stations; see Figure 2).

In addition to monitoring for total dust using at least four fixed air monitors, equipped with a mini-RAM, Personal Air Monitors (PAMs) used to collect air samples. The air samples will be collected on cassettes (media) that will be submitted to a laboratory for analysis of PCBs, arsenic, lead, and benzene. The air samples will be collected each work day when affected soil excavation activities and site demolition activities are occurring on the Site. Air monitoring stations will be at locations illustrated on Figure 2 (attached).

Air samples to be analyzed for PCBs will be collected on laboratory supplied filter tubes equipped with a solid sorbent material comprised of 13-mm glass fiber and Florisil. The samples media will be provided by and the samples will be analyzed by EMSL Analytical, Inc. located in Westmont, New Jersey. Details regarding the collection and analytical methods for the air sample samples are provided in the attached documentation.



## **Public Notification**

The public participation document mailed by the Alameda County Environmental Health has been laminated and is posted in two places along the fence that is adjacent to the public right-of way along 66<sup>th</sup> Avenue.

### **7. Revised Clean-up Level for PCBs in Soil**

Aspire and LFR will remove soil containing PCBs at concentrations exceeding 0.13 mg/kg. If soil containing concentrations of PCBs greater than 0.13 mg/kg cannot be removed from the Site that area will be documented as described under item 9. Risk Management Plan and Deed Notice below.

### **8. Cap for Site**

In accordance with the development plan for the Site, the entire property will be capped with either building structures, asphalt, or concrete. Prior to developing the Site, a minimum of 2 feet of imported fill will be placed and compacted as backfill in areas where affected soil has been previously removed from the Site. In addition, areas of the Site that will be redeveloped for vehicular traffic or structures, 8 to 12 inches of base rock will be imported to meet the geotechnical requirements of the redevelopment project.

### **9. Risk Management Plan and Deed Notice**

A risk management plan will be prepared for the Site and a notice will be placed on the deed in accordance with item 9 of the EPA Letter.

### **10. Record Keeping and PCB Clean-Up Report**

Documentation associated with the remediation of the PCB-affected soil and building materials will be retained and the PCB Clean-Up Report will be prepared in accordance with item 9 of the EPA Letter.

### **11. Restoration of the Site**

The Site will be restored in accordance with the CAP, the SICP, and the EPA letter.



Following your review of this letter, please do not hesitate to contact me if you have any questions or require additional information.

Sincerely,



Alan D. Gibbs, P.G., C.HG.  
Vice President/Principal Hydrogeologist



Ron Goloubow, P.G.  
Senior Associate Geologist

#### Attachments

Figures 1 and 2

Certification

Sampling Plan for Building Materials

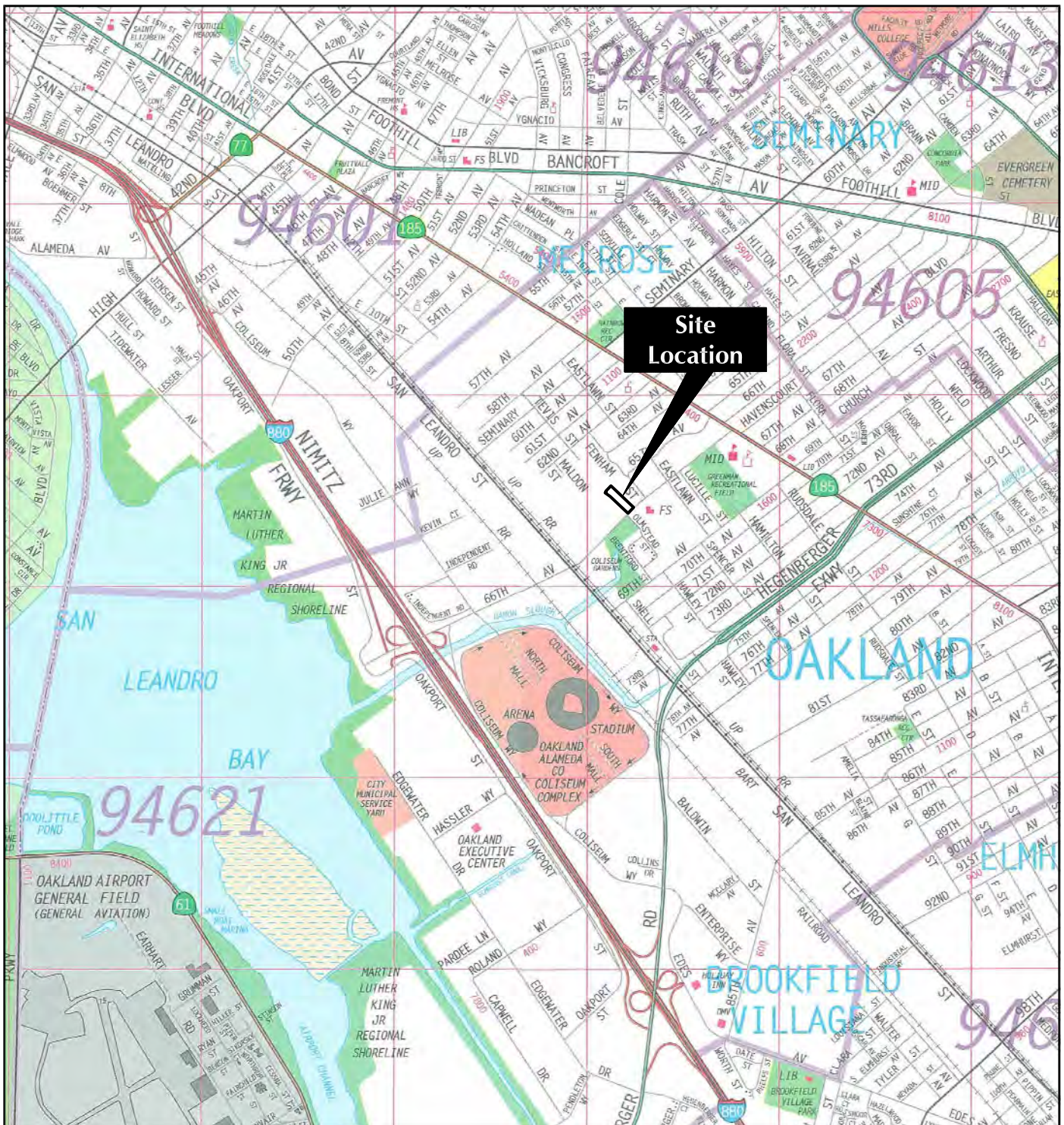
Air Monitoring; Sample Analysis Methods

cc: Mr. Mike Barr– Aspire Charter Schools  
Charles Robitaille – Pacific Charter Schools  
Paresh Khatri – Alameda County Department of Environmental Health



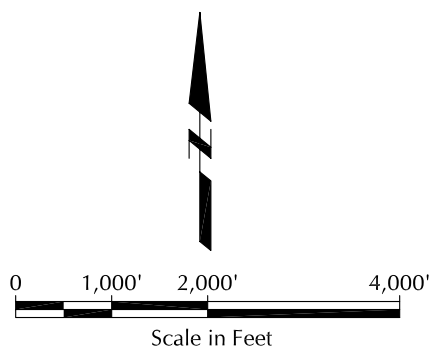
## FIGURES





MAP SOURCE:

Copyright 1995, Thomas Bros. Map  
ALAMEDA COUNTY  
2002 Edition

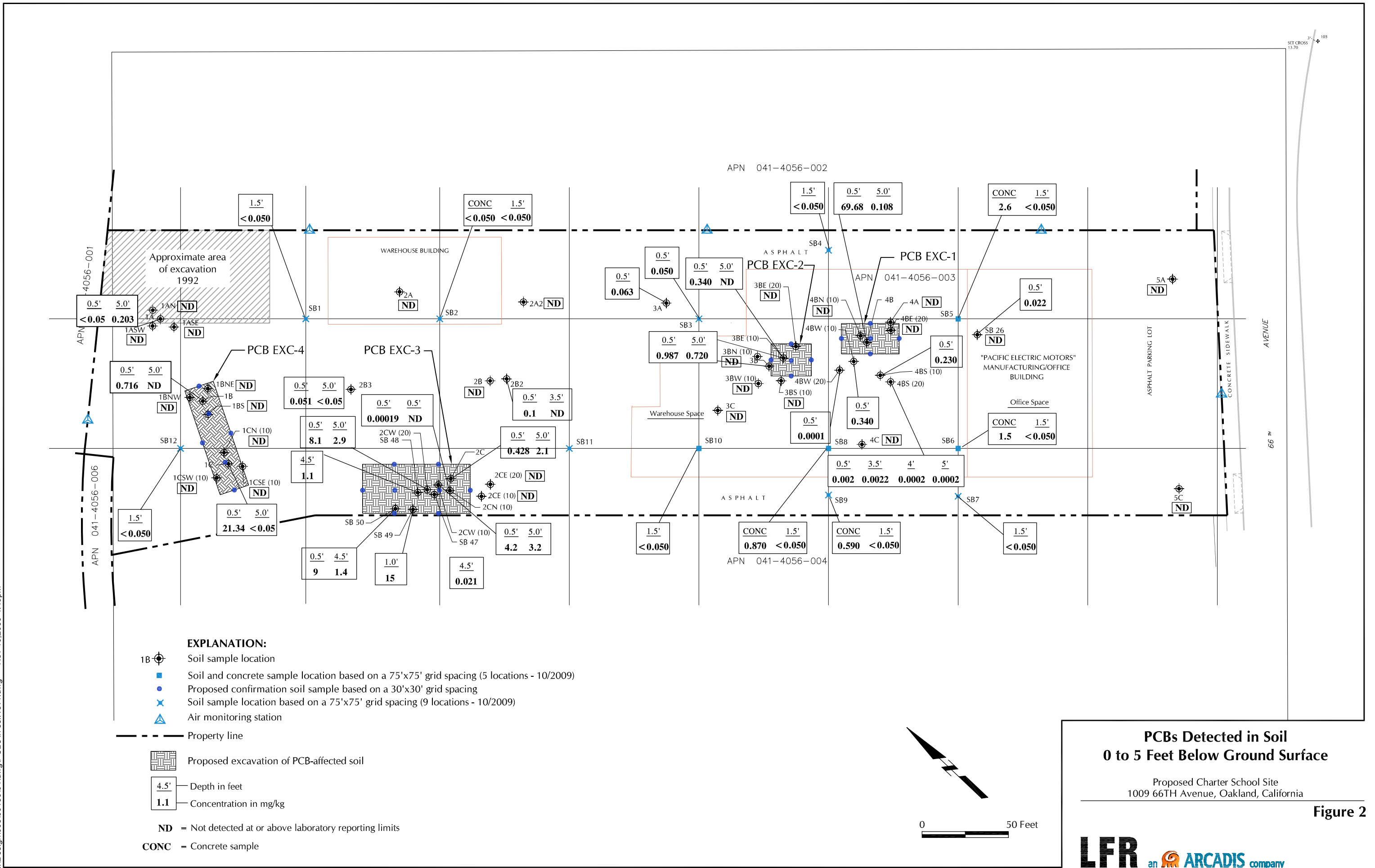


## Site Vicinity Map

Proposed Charter School Site  
1009 66th Avenue, Oakland, California

Figure 1







## **TSCA CERTIFICATION**



**Certification Statement**

Owner: Aspire Public Schools

Parties Conducting Cleanup: Arcadis and Innovative Construction Solutions

Project: Former Pacific Motors Facility – 1009 66<sup>th</sup> Avenue, Oakland, CA

In accordance with 761.61(a)(3)(i)(E); I, Michael Barr, hereby certify, that all sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the presence, concentrations, and extent of polychlorinated biphenyl- (PCB) impacted media for Former Pacific Motors Facility – 1009 66<sup>th</sup> Avenue, Oakland, CA are on file and available for USEPA review at the following location:

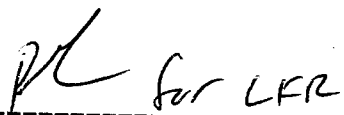
LFR Inc. an Arcadis Company

Contact: Ron Goloubow

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By:   
Michael Barr - Aspire Public Schools

Date: 11/9/09

By:  for LFR  
Ronald E. Goloubow - LFR Inc. An Arcadis company



## **BUILDING MATERIALS SAMPLING PLAN**



**Building Materials Sampling Plan  
Former Pacific Electric Motors Facility  
1009 66<sup>th</sup> Avenue in Oakland, California**

On behalf of Aspire Public Schools (Aspire) LFR Inc. an Arcadis company (LFR) has prepared this Building Materials Sampling Plan (BMSP). The BMSP provides the methods used by LFR to assess the presence of polychlorinated biphenyls (PCBs) in the building materials in the two buildings at located at the former Pacific Electric Motors Facility located at 1009 66<sup>th</sup> Avenue in Oakland, California. The purpose of the BMSP was to provide data regarding the presence of PCBs in the building materials at the Site. The data collected will be used to assess disposal methods for the building materials following demolition of the two buildings currently located at the Site.

During the survey, LFR attempted to identify and collect samples of the building materials that may contain PCBs in preparation for the demolition of the buildings. The building materials survey was conducted to comply a request from us U.S. Environmental Protection Agency (U.S. EPA) to determine if the building materials in the buildings at located at the Site contain PCBs.

The survey encompassed visible and accessible interior areas of the two subject buildings. To assess the presence of PCBs in the building materials LFR collected representative samples of the following materials:

Window Caulk  
Paint (or painted surfaces)  
Concrete  
Concrete Caulk  
Roofing material

## **Sample Collection, Handling and Documentation**

Sample procedures described in this section will be used for sample collection, shipping, analysis, and disposal. Each sample of the building materials will be collected using hand tools and the sample will be placed in a laboratory supplied glass jar. Sample containers will be 4 or 8 ounce laboratory supplied glass jars, and no preservative will be used. The sample container will be labeled with the sample identification, the time and date of collection, the analysis requested, and the initials of the sampler. The samples will be stored in an ice-chilled cooler and submitted to the laboratory under strict chain-of-custody protocols. The sample identification will reference the type of building material and location that the sample was collected (i.e. window caulking-building 1). The location of the sample and the sample identification will be recorded on a map at the time of collection. LFR shall coordinate with the laboratory for the delivery of collected soil samples under chain-of-custody protocols for chemical analysis.



## Concrete Sample Collection Methods

In accordance with EPA Site Revitalization Guidance, proposed concrete samples will be collected by drilling a nominal one-inch diameter hole using a rotary impact hammer drill to generate a fine concrete powder suitable for analysis. The powder is to be placed in a laboratory supplied sample container for laboratory analysis. The procedure can be used to collect concrete samples within the upper 6 inches of concrete at each proposed location. As with the soil samples, the concrete samples submitted to the laboratory will be labeled with the sample identification number, the time and date of collection, the analysis requested, and the initials of the sampler. The samples will be stored in an ice-chilled cooler and submitted to the laboratory under strict chain-of-custody protocols. LFR shall coordinate with the laboratory for the delivery of collected soil samples under chain-of-custody protocols for chemical analysis.

## Analytical Methods

The samples of the building materials will be submitted for PCB analyses using USEPA SW-846 Method 8082.

## Sampling Equipment Decontamination

Sampling equipment cleaning procedures are described in this section. Specifications for standard cleaning materials referred to in this section are as follows:

- Soap will be a standard brand of phosphate-free laboratory detergent such as Liquinox®. Use of other detergent must be justified and documented in the field logbooks.
- Tap water may be used from any municipal water treatment system. Use of an untreated potable water supply is not an acceptable substitute for tap water.
- Organic/analyte free water is defined as tap water that has been treated with activated carbon and deionizing units.

Improperly handled cleaning solutions may easily become contaminated. Storage and application containers must be constructed of the proper materials to ensure their integrity. Following are acceptable materials used containing the specified cleaning solutions:

- Soap must be kept in clean plastic, metal, or glass containers until used. It should be poured directly from the container during use.
- Tap water must be kept in clean tanks, hand pressure sprayers, and squeeze bottles, applied directly from a hose.
- Analyte free water must be stored in clean glass, stainless steel, or plastic containers that can be closed prior to use. It can be applied from plastic squeeze bottles.
- Organic/analyte free water must be stored in clean glass, Teflon®, or stainless steel containers prior to use. It may be applied using Teflon® squeeze bottles.



## **Sampling Equipment Decontamination Procedure**

The following procedures are to be used for all sampling equipment (hand tools or power tools).  
When appropriate disposable equipment (one time use) will be used :

1. Clean with tap water and soap using a brush if necessary to remove particulate matter and surface films.
2. Rinse thoroughly with tap water
3. Cover the equipment with plastic. Equipment stored overnight should be wrapped in aluminum foil and covered with clean, unused plastic.



## **AIR SAMPLE ANALYTICAL METHODS**



FORMULA: Table 1

MW: Table 1

CAS: Table 1

RTECS: Table 1

METHOD: 1501, Issue 3		EVALUATION: Full		Issue 1: 15 August 1990 Issue 3: 15 March 2003				
OSHA : Table 2 NIOSH: Table 2 ACGIH: Table 2		PROPERTIES: Table 1						
SYNONYMS: (Synonyms in Table 1)		Group A:	benzene	toluene	ethylbenzene	<u>o</u> -xylene	<u>m</u> -xylene	<u>p</u> -xylene
		Group B:	cumene	<u>p</u> -tert-butyltoluene	$\alpha$ -methylstyrene	$\beta$ -methylstyrene	styrene	
SAMPLING				MEASUREMENT				
SAMPLER:		SOLID SORBENT TUBE (coconut shell charcoal, 100 mg/50 mg)			TECHNIQUE:		GAS CHROMATOGRAPHY, FID	
FLOW RATE:		Table 3			ANALYTE:		Hydrocarbons listed above	
VOL-MIN:		Table 3			DESORPTION:		1 mL CS <sub>2</sub> , stand 30 min with agitation	
-MAX:		Table 3			INJECTION VOLUME:		1 $\mu$ L ( <u>Group A</u> : split 5:1; <u>Group B</u> : split 1:1)	
SHIPMENT:		Routine			TEMPERATURE			
SAMPLE STABILITY:		30 days @ 5°C			-INJECTION:		250 °C	
BLANKS:		10% of samples			-DETECTOR:		300 °C	
					-COLUMN:		<u>Group A</u> : 40 °C (10 min) to 230°C (10 °C/min) <u>Group B</u> : 35°C (8 min) to 225°C (10°C/min)	
ACCURACY				CARRIER GAS:		He @ 2.6 mL/min		
RANGE STUDIED:		Table 3			COLUMN:		Capillary, fused silica <u>Group A</u> : 30m x 0.32-mm ID; 1- $\mu$ m film 100% PEG or equivalent <u>Group B</u> : 30m x 0.53-mm ID; 3- $\mu$ m film crossbonded@ 35% diphenyl 65% dimethyl polysiloxane or equivalent	
BIAS:		Table 3			CALIBRATION:		Solutions of analytes in CS <sub>2</sub>	
OVERALL PRECISION ( $\hat{S}_{tr}$ ):		Table 3			RANGE:		Table 4	
ACCURACY:		Table 3			ESTIMATED LOD:		Table 4	
					PRECISION ( $\hat{S}_r$ ):		Table 4	

**APPLICABILITY:** This method is for peak, ceiling, and TWA determinations of aromatic hydrocarbons. Interactions between analytes may reduce breakthrough volumes and affect desorption efficiencies. Naphthalene, originally validated in S292 [4], failed to meet acceptable desorption efficiency recovery and storage stability criteria at the levels evaluated in this study. However, the application of this method to naphthalene levels at or near the REL/PEL continues to meet acceptable recovery criteria. Styrene failed to meet acceptable recovery criteria at the two lowest levels evaluated in this study (highest level to meet the criteria was 181  $\mu$ g/sample).

**INTERFERENCES:** Under conditions of high humidity, the breakthrough volumes may be reduced. Other volatile organic compounds such as alcohols, ketones, ethers, and halogenated hydrocarbons are potential analytical interferences.

**OTHER METHODS:** This method updates NMAM 1501 issued on August 15, 1994 [1] which was based upon P&CAM 127 (benzene, styrene, toluene, and xylene) [2]; S22 (*p*-tert-butyltoluene) [3]; S23 (cumene) [3]; S29 (ethylbenzene) [3]; S26 ( $\alpha$ -methylstyrene) [3]; S30 (styrene); S311 (benzene) [4]; S343 (toluene) [4]; and S318 (xylenes) [4].



**REAGENTS:**

1. Carbon disulfide\*, low benzene, chromatographic quality.
2. Analytes, reagent grade.
3. Helium, prepurified and filtered.
4. Hydrogen, prepurified and filtered.
5. Air, prepurified and filtered.

\* See SPECIAL PRECAUTIONS

**EQUIPMENT:**

1. Sampler: glass tube, 7 cm long, 6-mm OD, 4-mm ID, flame-sealed ends, containing two sections of activated coconut shell charcoal (front = 100 mg, back = 50 mg) separated by a 2-mm urethane foam plug. A silylated glass wool plug precedes the front section and a 3-mm urethane foam plug follows the back section. Tubes are commercially available.
2. Personal sampling pump, 0.01 to 1.0 L/min (Table 3), with flexible connecting tubing.
3. Gas chromatograph, FID, integrator, and columns (page 1501-1).
4. Autosampler vials, glass, 1.8 mL, with PTFE-lined caps.
5. Pipets, 1-mL, and pipet bulb.
6. Syringes, 10- $\mu$ L, 25- $\mu$ L, and 250- $\mu$ L.
7. Volumetric flasks, 10-mL.

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**SPECIAL PRECAUTIONS:** Carbon disulfide is toxic and extremely flammable (flash point = -30°C), benzene is a suspect carcinogen. Prepare standards and samples in a well ventilated hood.

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**SAMPLING:**

1. Calibrate each personal sampling pump with a representative sampler in line.
2. Break the ends of the sampler immediately before sampling. Attach sampler to personal sampling pump with flexible tubing.
3. Sample at an accurately known flow rate between 0.01 and 0.2 L/min for a total sample size as shown in Table 3.
4. Cap the samplers with plastic (not rubber) caps and pack securely for shipment.

**SAMPLE PREPARATION:**

5. Place the front and back sorbent sections of the sampler tube in separate vials. Include the glass wool plug in the vial along with the front sorbent section.
6. Add 1.0 mL eluent to each vial. Attach crimp cap to each vial immediately.
7. Allow to stand at least 30 min with occasional agitation.

**CALIBRATION AND QUALITY CONTROL:**

8. Calibrate daily with at least six working standards from below the LOD to 10 times the LOQ. If necessary, additional standards may be added to extend the calibration curve.
  - a. Add known amounts of analytes to carbon disulfide solvent in 10-mL volumetric flasks and dilute to the mark. Prepare additional standards by serial dilution in 10-mL volumetric flasks.
  - b. Analyze together with samples and blanks (steps 11 through 12).
  - c. Prepare calibration graph (peak area of analyte vs.  $\mu$ g analyte per sample).



9. Determine desorption efficiency (DE) at least once for each batch of charcoal used for sampling in the calibration range (step 8).
  - a. Prepare three tubes at each of five levels plus three media blanks.
  - b. Inject a known amount of DE stock solution (5 to 25  $\mu\text{L}$ ) directly onto front sorbent section of each charcoal tube with a microliter syringe.
  - c. Allow the tubes to air equilibrate for several minutes, then cap the ends of each tube and allow to stand overnight.
  - d. Desorb (steps 5 through 7) and analyze together with standards and blanks (steps 11 and 12).
  - e. Prepare a graph of DE vs.  $\mu\text{g}$  analyte recovered.
10. Analyze a minimum of three quality control blind spikes and three analyst spikes to insure that the calibration graph and DE graph are in control.

#### MEASUREMENT:

11. Set gas chromatograph according to manufacturer's recommendations and to conditions given on page 1501-1. Inject a 1- $\mu\text{L}$  sample aliquot manually using the solvent flush technique or with an autosampler.  
 Note: If peak area is above the linear range of the working standards, dilute with solvent, reanalyze, and apply the appropriate dilution factor in the calculations.

Analyte	Approximate Retention Time (min)
benzene <sup>a</sup>	3.52
toluene <sup>a</sup>	6.13
ethylbenzene <sup>a</sup>	10.65
o-xylene <sup>a</sup>	12.92
m-xylene <sup>a</sup>	11.33
p-xylene <sup>a</sup>	11.04
cumene <sup>b</sup>	18.61
p-tert-butyltoluene <sup>b</sup>	21.45
$\alpha$ -methylstyrene <sup>b</sup>	19.99
$\beta$ -methylstyrene <sup>b</sup>	20.82
styrene <sup>b</sup>	18.33

<sup>a</sup> Separation achieved using a 30-m Stabilwax fused silica capillary column.

<sup>b</sup> Separation achieved using a 30-m Rtx-35 fused silica capillary column.

12. Measure peak areas.

#### CALCULATIONS:

13. Determine the mass,  $\mu\text{g}$  (corrected for DE) of analyte found in the sample front ( $W_f$ ) and back ( $W_b$ ) sorbent sections, and in the average media blank front ( $B_f$ ) and back ( $B_b$ ) sorbent sections.  
 NOTE: If  $W_b > W_f/10$ , report breakthrough and possible sample loss.
14. Calculate concentration, C, of analyte in the air volume sampled, V (L):

$$C = \frac{(W_f + W_b - B_f - B_b)}{V}, \text{mg} / \text{m}^3$$

NOTE:  $\mu\text{g}/\text{L} = \text{mg}/\text{m}^3$



**EVALUATION OF METHOD:**

The desorption efficiency, at levels ranging from 5 times the LOQ to 0.1x the REL, was determined for each analyte by spiking known amounts (in CS<sub>2</sub>) on coconut shell charcoal tubes. Both groups of analytes (A and B) were spiked together on the charcoal sorbent tubes. All analytes, with the exception of styrene and naphthalene, exhibited acceptable desorption efficiency recovery results at all five levels evaluated. Styrene failed to meet the 75% recovery criteria at the 18.1 µg and 90.6 µg levels. Naphthalene failed to meet the 75% criteria at all levels evaluated ranging from 48.8 µg to 976.0 µg.

Each analyte, at a level approximately 0.05x REL/PEL, was evaluated for its storage stability @ 5°C after 7, 14, and 30 days. All analytes, with the exception of naphthalene, had acceptable recoveries after 30 days storage.

**REFERENCES:**

- [1] NIOSH [1984]. Hydrocarbons, Aromatic: Method 1501. In: Eller PM, ed. NIOSH Manual of Analytical Methods. 4th rev. ed. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 94-113.
- [2] NIOSH [1977]. NIOSH Manual of Analytical Methods, 2nd. ed., V. 1, P&CAM 127, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-157-A.
- [3] Ibid, V. 2, S22, S23, S25, S26, S29, S30, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-157-B (1977).
- [4] Ibid, V. 3, S292, S311, S318, S343, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-157-C (1977).
- [5] NIOSH [1977]. Documentation of the NIOSH Validation Tests, S22, S23, S25, S26, S29, S30, S292, S311, S318, S343, U.S. Department of Health, Education, and Welfare; Publ. (NIOSH) 77-185.

**METHOD WRITTEN BY:**

Stephanie M. Pendergrass, NIOSH/DART



**TABLE 1. SYNONYMS, FORMULA, MOLECULAR WEIGHT, PROPERTIES**

Name/Synonyms	Empirical Formula	Molecular Weight	Boiling Point (°C)	Vapor Pressure @ 25 °C (mm Hg)	(kPa)	Density @ 20 °C (g/mL)
benzene CAS #71-43-2 RTECS CY1400000	C <sub>6</sub> H <sub>6</sub>	78.11	80.1	95.2	12.7	0.879
<del>p-tert</del> -butyltoluene CAS #98-51-1 RTECS XS8400000 1-tert-butyl-4-methylbenzene	C <sub>11</sub> H <sub>16</sub>	148.25	192.8	0.7	0.09	0.861
cumene CAS #98-82-8 RTECS GR8575000 isopropylbenzene	C <sub>9</sub> H <sub>12</sub>	120.20	152.4	4.7	0.63	0.862
ethylbenzene CAS #100-41-4 RTECS DA0700000	C <sub>8</sub> H <sub>10</sub>	106.17	136.2	9.6	1.28	0.867
α-methylstyrene CAS #98-83-9 RTECS WL5075300 isopropenylbenzene (1-methylethenyl)-benzene	C <sub>9</sub> H <sub>10</sub>	118.18	165.4	2.5	0.33	0.909
β-methylstyrene CAS #873-66-5 RTECS DA8400500	C <sub>9</sub> H <sub>10</sub>	118.18	175.0	—	—	0.911
toluene CAS #108-88-3 RTECS XS5250000 methylbenzene	C <sub>7</sub> H <sub>8</sub>	92.14	110.6	28.4	3.79	0.867
xylene <sup>c</sup> CAS #1330-20-7 RTECS ZE2100000 dimethylbenzene ( <u>p</u> -xylene)	C <sub>8</sub> H <sub>10</sub> ( <u>ortho</u> ) ( <u>meta</u> ) ( <u>para</u> )	106.17	144.4 139.1 138.4	6.7 8.4 8.8	0.89 1.12 1.18	0.880 0.864 0.861
styrene CAS #100-42-5 RTECS WL3675000 vinylbenzene	C <sub>8</sub> H <sub>8</sub>	104.15	145.2	6.1	0.81	0.906



**TABLE 2. PERMISSIBLE EXPOSURE LIMITS, PPM**

Substance	OSHA TWA	NIOSH			ACGIH		mg/m <sup>3</sup> per ppm
		TWA	C	STEL	TLV	STEL	
benzene	1	0.1 <sup>a</sup>	1		10 <sup>b</sup>		3.19
<u>p-tert</u> -butyltoluene	10	10		20	1		6.06
cumene	50 (skin)	50 (skin)			50 (skin)		4.91
ethylbenzene	100	100		125	100	125	4.34
$\alpha$ -methylstyrene	100	50		100	50	100	4.83
$\beta$ -methylstyrene	100	50		100	50	100	4.83
toluene	200	100		150	50 (skin)		3.77
<u>o</u> -xylene	100	100 <sup>c</sup>		150	100	150	4.34
<u>m</u> -xylene	100	100			100	150	4.34
<u>p</u> -xylene	100	100			100	150	4.34
styrene	100	50		100	50	100 (skin)	4.26

<sup>a</sup> Potential carcinogen<sup>b</sup> Suspect carcinogen<sup>c</sup> Group I Pesticide**TABLE 3. SAMPLING FLOWRATE<sup>a</sup>, VOLUME, CAPACITY, RANGE, OVERALL BIAS AND PRECISION**

Substance	Sampling			Breakthrough		Range at VOL-MIN (mg/m³)	Overall		Accuracy (±%)
	Flowrate (L/min)	Volume <sup>p</sup> (L)		Volume @ Concentration			Bias (%)	Precision ( $\bar{S}_r$ )	
		MIN	MAX	(L)	(mg/m³)				
benzene	≤0.20	5	30	>45	149	42 - 165	-0.4	0.059	11.4
p-tert-butyltoluene	≤0.20	1	29	44	112	29 - 119	-10.3	0.071 <sup>c</sup>	20.7
cumene	≤0.20	1	30	>45	480	120 - 480	5.6	0.059	15.2
ethylbenzene	≤0.20	1	24	35	917	222 - 884	-7.6	0.089 <sup>c</sup>	17.1
α-methylstyrene	≤0.20	1	30	>45	940	236 - 943	-7.6	0.061 <sup>c</sup>	16.9
β-methylstyrene	≤0.20	1	30	>45	940	236 - 943	-7.6	0.061	16.9
toluene	≤0.20	1	8	12	2294	548 - 2190	1.6	0.052	10.9
xylene (o-,m-,p-)	≤0.20	2	23	35	870	218 - 870	-1.2	0.060	12.2
styrene	<1.00	1	14	21	1710	426 - 1710	-7.9	0.058 <sup>c</sup>	16.7

<sup>a</sup> Minimum recommended flow is 0.01 L/min.<sup>b</sup>  $V_{\text{Min}}$  = minimum sample volume @ OSHA TWA; $V_{\text{Max}}$  = maximum sample volume @ OSHA TWA<sup>c</sup> Corrected value, calculated from data in Reference 5.



**TABLE 4. MEASUREMENT RANGE AND PRECISION<sup>a</sup>**

Substance	LOD (µg/sample)	Measurement	
		Range (mg)	Precision ( $\hat{S}_r$ )
benzene	0.5	0.004-0.35	0.013
<u>p-tert</u> -butyltoluene	1.1	0.013-1.09	0.017 <sup>a</sup>
cumene	0.6	0.039-3.46	0.017
ethylbenzene	0.5	0.045-8.67	0.015
α-methylstyrene	0.6	0.036-3.57	0.014
β-methylstyrene	0.6	0.036-0.728	0.014
toluene	0.7	0.024-4.51	0.022
o-xylene	0.8	0.044-10.4	0.014
m-xylene	0.8	0.043-0.864	0.013
p-xylene	0.7	0.043-0.861	0.015
styrene	0.4	0.181-8.49	0.014

<sup>a</sup> Corrected value, calculated from data in [5].



mixture:  $C_{12}H_{10-x}Cl_x$   
[where  $x = 1$  to  $10$ ]

MW: ca. 258 (42% Cl ;  $C_{12}H_7Cl_5$ );  
ca. 326 (54% Cl ;  $C_{12}H_5Cl_7$ )

CAS: Table 1

RTECS: Table 1

**METHOD:** 5503, Issue 2

**EVALUATION:** PARTIAL

**Issue 1:** 15 February 1984

**Revision #1:** 15 August 1987

**Issue 2:** 15 August 1994

**OSHA :** 1 mg/m<sup>3</sup> (42% Cl);  
0.5 mg/m<sup>3</sup> (54% Cl)

**NIOSH:** 0.001 mg/m<sup>3</sup>/10 h (carcinogen)

**ACGIH:** 1 mg/m<sup>3</sup> (42% Cl) (skin)  
0.5 mg/m<sup>3</sup> (54% Cl) (skin)

**PROPERTIES:** 42% Cl: BP 325 to 366 °C; MP -19 °C;  
d 1.38 g/mL @ 25 °C;  
VP 0.01 Pa (8 x 10<sup>-5</sup> mm Hg;  
1 mg/m<sup>3</sup>) @ 20 °C

54% Cl: BP 365 to 390 °C; MP 10 °C;  
d 1.54 g/mL @ 25 °C; VP  
0.0004 Pa (3 x 10<sup>-6</sup> mm Hg;  
0.05 mg/m<sup>3</sup>) @ 20 °C

**SYNONYMS:** PCB; 1,1'-biphenyl chloro; chlorodiphenyl, 42% Cl (Aroclor 1242); and 54% Cl (Aroclor 1254)

SAMPLING		MEASUREMENT	
<b>SAMPLER:</b>	FILTER + SOLID SORBENT (13-mm glass fiber + Florisil, 100 mg/50 mg)	<b>TECHNIQUE:</b>	GAS CHROMATOGRAPHY, ECD ( <sup>63</sup> Ni)
<b>FLOW RATE:</b>	0.05 to 0.2 L/min or less	<b>ANALYTE:</b>	polychlorobiphenyls
<b>VOL-MIN:</b>	1 L @ 0.5 mg/m <sup>3</sup>	<b>DESORPTION:</b>	filter + front section, 5 mL hexane; back section, 2 mL hexane
<b>-MAX:</b>	50 L	<b>INJECTION</b>	
<b>SHIPMENT:</b>	transfer filters to glass vials after sampling	<b>VOLUME:</b>	4-μL with 1-μL backflush
<b>SAMPLE</b>		<b>TEMPERATURE-INJECTION:</b>	250 to 300 °C
<b>STABILITY:</b>	unknown for filters; 2 months for Florisil tubes [1]	<b>-DETECTOR:</b>	300 to 325 °C
<b>BLANKS:</b>	2 to 10 field blanks per set	<b>-COLUMN:</b>	180 °C
<b>ACCURACY</b>		<b>CARRIER GAS:</b>	N <sub>2</sub> , 40 mL/min
<b>RANGE STUDIED:</b>	not studied	<b>COLUMN:</b>	glass, 1.8 m x 2-mm ID, 1.5% OV-17/1.95% QF-1 on 80/100 mesh Chromosorb WHP
<b>BIAS:</b>	none identified	<b>CALIBRATION:</b>	standard PCB mixture in hexane
<b>OVERALL PRECISION (<math>\hat{S}_{RT}</math>):</b>	not evaluated	<b>RANGE:</b>	0.4 to 4 μg per sample [2]
<b>ACCURACY:</b>	not determined	<b>ESTIMATED LOD:</b>	0.03 μg per sample [2]
		<b>PRECISION (<math>\hat{S}_r</math>):</b>	0.044 [1]

**APPLICABILITY:** The working range is 0.01 to 10 mg/m<sup>3</sup> for a 40-L air sample [1]. With modifications, surface wipe samples may be analyzed [3,4].

**INTERFERENCES:** Chlorinated pesticides, such as DDT and DDE, may interfere with quantification of PCB. Sulfur-containing compounds in petroleum products also interfere [5].

**OTHER METHODS:** This method revises methods S120 [6] and P&CAM 244 [1]. Methods S121 [7] and P&CAM 253 [8] for PCB have not been revised.



**REAGENTS:**

1. Hexane, pesticide quality.
2. Florisil, 30/48 mesh sieved from 30/60 mesh. After sieving, dry at 105 °C for 45 min. Mix the cooled Florisil with 3% (w/w) distilled water.
3. Nitrogen, purified.
4. Stock standard solution of the PCB in methanol or isooctane (commercially available).\*

\* See SPECIAL PRECAUTIONS.

**EQUIPMENT:**

1. Sampler: 13-mm glass fiber filter without binders in a Swinnex cassette (Cat. No. SX 0001300, Millipore Corp.) followed by a glass tube, 7 cm long, 6-mm OD, 4-mm ID containing two sections of 30/48 mesh deactivated Florisil. The front section is preceded by glass wool and contains 100 mg and the backup section contains 50 mg; urethane foam between sections and behind the backup section. (SKC 226-39, Supelco ORBO-60, or equivalent) Join the cassette and Florisil tube with PVC tubing, 3/8" L x 9/32" OD x 5/32" ID, on the outlet of the cassette and with another piece of PVC tubing, 3/4" L x 5/16" OD x 3/16" ID, complete the union.
2. Personal sampling pump, 0.05 to 0.2 L/min, with flexible connecting tubing.
3. Tweezers.
4. Vials, glass, 4- and 7-mL, with aluminum or PTFE-lined caps
5. Gas chromatograph, electron capture detection (<sup>63</sup>Ni), integrator and column (page 5503-1).
6. Volumetric flasks, 10-mL and other convenient sizes for preparing standards.
7. Syringe, 10-μL.

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**SPECIAL PRECAUTIONS:** Avoid prolonged or repeated contact of skin with PCB and prolonged or repeated breathing of the vapor [9-11].

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**SAMPLING:**

1. Calibrate each personal sampling pump with a representative sampler in line.
2. Break the ends of the Florisil tube immediately before sampling. Connect Florisil tube to Swinnex cassette and attach sampler to personal sampling pump with flexible tubing.
3. Sample at an accurately known flow rate between 0.05 and 0.2 L/min for a total sample size of 1 to 50 L.  
NOTE: At low PCB concentrations, the sampler was found to be efficient when operated at flow rates up to 1 L/min, for 24 hours [4]. Under these conditions, the limit of detection was 0.02 μg/m<sup>3</sup>.
4. Transfer the glass fiber filters to 7-mL vials. Cap the Florisil tubes with plastic (not rubber) caps and pack securely for shipment.

**SAMPLE PREPARATION:**

5. Place the glass wool and 100-mg Florisil bed in the same 7-mL vial in which the filter was stored. Add 5.0 mL hexane.
6. In a 4-mL vial, place the 50-mg Florisil bed including the two urethane plugs. Add 2.0 mL hexane.
7. Allow to stand 20 min with occasional agitation.



**CALIBRATION AND QUALITY CONTROL:**

8. Calibrate daily with at least six working standards over the range 10 to 500 ng/mL PCB.
  - a. Add known amounts of stock standard solution to hexane in 10-mL volumetric flasks and dilute to the mark.
  - b. Analyze together with samples and blanks (steps 11 and 12).
  - c. Prepare calibration graph (sum of areas of selected peaks vs. ng PCB per sample).
9. Determine desorption efficiency (DE) at least once for each lot of glass fiber filters and Florisil used for sampling in the calibration range (step 8). Prepare three tubes at each of five levels plus three media blanks.
  - a. Remove and discard back sorbent section of a media blank Florisil tube.
  - b. Inject known amounts of stock standard solution directly onto front sorbent section and onto a media blank filter with a microliter syringe.
  - c. Cap the tube. Allow to stand overnight.
  - d. Desorb (steps 5 through 7) and analyze together with working standards (steps 11 and 12).
  - e. Prepare a graph of DE vs. µg PCB recovered.
10. Analyze three quality control blind spikes and three analyst spikes to ensure that the calibration graph and DE graph are in control.

**MEASUREMENT:**

11. Set gas chromatograph according to manufacturer's recommendations and to conditions given on page 5503-1. Inject sample aliquot manually using solvent flush technique or with autosampler.
 

NOTE 1: Where individual identification of PCB is needed, a procedure using a capillary column may be used [12].

NOTE 2: If peak area is above the linear range of the working standards, dilute with hexane, reanalyze and apply the appropriate dilution factor in calculations.
12. Sum the areas for five or more selected peaks.

**CALCULATIONS:**

13. Determine the mass, µg (corrected for DE) of PCB found on the glass fiber filter (W) and in the Florisil front ( $W_f$ ) and back ( $W_b$ ) sorbent sections, and in the average media blank filter (B) and front ( $B_f$ ) and back ( $B_b$ ) sorbent sections.
 

NOTE: If  $W_b > W_f/10$ , report breakthrough and possible sample loss.
14. Calculate concentration, C, of PCB in the air volume sampled, V (L):

$$C = \frac{(W + W_f + W_b - B - B_f - B_b)}{V}, \text{ mg/m}^3.$$

**EVALUATION OF METHOD:**

This method uses 13-mm glass fiber filters which have not been evaluated for collecting PCB. In Method S120, however, Aroclor 1242 was completely recovered from 37-mm glass fiber filters using 15 mL isooctane [8,13,14]. With 5 mL of hexane, Aroclor 1016 was also completely recovered from 100-mg Florisil beds after one-day storage [1]. Thus, with no adsorption effect likely on glass fiber filters for PCB, 5 mL hexane should be adequate to completely extract PCB from combined filters and front sorbent sections. Sample stability on glass fiber filters has not been investigated. Breakthrough volume was >48 L for the Florisil tube at 75% RH in an atmosphere containing 10 mg/m<sup>3</sup> Aroclor 1016 [1].



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**METHOD REVISED BY:**

James E. Arnold, NIOSH/DPSE; S120 originally validated under NIOSH Contract 210-76-0123.

**Table 1. General Information.**

<u>Compound</u>	<u>CAS</u>	<u>RTECS</u>
Polychlorinated Biphenyls	1336-36-3	TQ1350000
Chlorobiphenyl	27323-18-8	DV2063000
Aroclor 1016 (41% Cl)	12674-11-2	TQ1351000
Aroclor 1242 (42% Cl)	53469-21-9	TQ1356000
Aroclor 1254 (54% Cl)	11097-69-1	TQ1360000



**Table 2. Composition of some Aroclors [15].**

<u>Major Components</u>	<u>Aroclor 1016</u>	<u>Aroclor 1242</u>	<u>Aroclor 1254</u>
Biphenyl	0.1%	<0.1%	<0.1%
Monochlorobiphenyls	1	1	<0.1
Dichlorobiphenyls	20	16	0.5
Trichlorobiphenyls	57	49	1
Tetrachlorobiphenyls	21	25	21
Pentachlorobiphenyls	1	8	48
Hexachlorobiphenyls	<0.1	1	23
Heptachlorobiphenyls	none detected	<0.1	6
Octachlorobiphenyls	none detected	none detected	none detected



# ELEMENTS by ICP (Nitric/Perchloric Acid Ashing)

7300

MW: Table 1

CAS: Table 2

RTECS: Table 2

**METHOD: 7300, Issue 3**

**EVALUATION: PARTIAL**

**Issue 1: 15 August 1990**  
**Issue 3: 15 March 2003**

**OSHA:** Table 2

**PROPERTIES:** Table 1

**NIOSH:** Table 2

**ACGIH:** Table 2

<b>ELEMENTS:</b>	aluminum*	calcium	lanthanum	nickel	strontium	tungsten*
	antimony*	chromium*	lithium*	potassium	tellurium	vanadium*
	arsenic	cobalt*	magnesium	phosphorus	tin	ytrium
	barium	copper	manganese*	selenium	thallium	zinc
	beryllium*	iron	molybdenum*	silver	titanium	zirconium*
	cadmium	lead*				

\*Some compounds of these elements require special sample treatment.

SAMPLING		MEASUREMENT	
<b>SAMPLER:</b>	FILTER (0.8-µm, cellulose ester membrane, or 5.0-µm, polyvinyl chloride membrane)	<b>TECHNIQUE:</b>	INDUCTIVELY COUPLED ARGON PLASMA, ATOMIC EMISSION SPECTROSCOPY (ICP-AES)
<b>FLOWRATE:</b>	1 to 4 L/min	<b>ANALYTE:</b>	elements above
<b>VOL-MIN:</b>	Table 1	<b>ASHING</b>	
<b>-MAX:</b>	Table 1	<b>REAGENTS:</b>	conc. HNO <sub>3</sub> / conc. HClO <sub>4</sub> (4:1), 5 mL; 2mL increments added as needed
<b>SHIPMENT:</b>	routine	<b>CONDITIONS:</b>	room temperature, 30 min; 150 °C to near dryness
<b>SAMPLE</b>		<b>FINAL</b>	
<b>STABILITY:</b>	stable	<b>SOLUTION:</b>	4% HNO <sub>3</sub> , 1% HClO <sub>4</sub> , 25 mL
<b>BLANKS:</b>	2 to 10 field blanks per set	<b>WAVELENGTH:</b>	depends upon element; Table 3
ACCURACY		<b>BACKGROUND</b>	
		<b>CORRECTION:</b>	spectral wavelength shift
<b>RANGE STUDIED:</b>	not determined	<b>CALIBRATION:</b>	elements in 4% HNO <sub>3</sub> , 1% HClO <sub>4</sub>
<b>BIAS:</b>	not determined	<b>RANGE:</b>	varies with element [1]
<b>OVERALL PRECISION (<math>\hat{S}_{\text{r}}</math>):</b>	not determined	<b>ESTIMATED LOD:</b>	Tables 3 and 4
<b>ACCURACY:</b>	not determined	<b>PRECISION (<math>\hat{S}</math>):</b>	Tables 3 and 4

**APPLICABILITY:** The working range of this method is 0.005 to 2.0 mg/m<sup>3</sup> for each element in a 500-L air sample. This is simultaneous elemental analysis, not compound specific. Verify that the types of compounds in the samples are soluble with the ashing procedure selected.

**INTERFERENCES:** Spectral interferences are the primary interferences encountered in ICP-AES analysis. These are minimized by judicious wavelength selection, interelement correction factors and background correction [1-4].

**OTHER METHODS:** This issue updates issues 1 and 2 of Method 7300, which replaced P&CAM 351 [3] for trace elements. Flame atomic absorption spectroscopy (e.g., Methods 70XX) is an alternate analytical technique for many of these elements. Graphite furnace AAS (e.g., 7102 for Be, 7105 for Pb) is more sensitive.



**REAGENTS:**

1. Nitric acid (HNO<sub>3</sub>), conc., ultra pure.
2. Perchloric acid (HClO<sub>4</sub>), conc., ultra pure.\*
3. Ashing acid: 4:1 (v/v) HNO<sub>3</sub>:HClO<sub>4</sub>. Mix 4 volumes conc. HNO<sub>3</sub> with 1 volume conc. HClO<sub>4</sub>.
4. Calibration stock solutions, 1000 µg/mL. Commercially available, or prepared per instrument manufacturer's recommendation (see step 12).
5. Dilution acid, 4% HNO<sub>3</sub>, 1% HClO<sub>4</sub>. Add 50 mL ashing acid to 600 mL water; dilute to 1 L.
6. Argon.
7. Distilled, deionized water.

\* See SPECIAL PRECAUTIONS.

**EQUIPMENT:**

1. Sampler: cellulose ester membrane filter, 0.8-µm pore size; or polyvinyl chloride membrane, 5.0-µm pore size; 37-mm diameter, in cassette filter holder.
2. Personal sampling pump, 1 to 4 L/min, with flexible connecting tubing.
3. Inductively coupled plasma-atomic emission spectrometer, equipped as specified by the manufacturer for analysis of elements of interest.
4. Regulator, two-stage, for argon.
5. Beakers, Phillips, 125-mL, or Griffin, 50-mL, with watchglass covers.\*\*
6. Volumetric flasks, 10-, 25-, 100-mL, and 1-L\*\*
7. Assorted volumetric pipets as needed.\*\*
8. Hotplate, surface temperature 150 °C.

\*\* Clean all glassware with conc. nitric acid and rinse thoroughly in distilled water before use.

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**SPECIAL PRECAUTIONS:** All perchloric acid digestions are required to be done in a perchloric acid hood. When working with concentrated acids, wear protective clothing and gloves.

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**SAMPLING:**

1. Calibrate each personal sampling pump with a representative sampler in line.
2. Sample at an accurately known flow rate between 1 and 4 L/min for a total sample size of 200 to 2000 L (see Table 1) for TWA measurements. Do not exceed a filter loading of approximately 2 mg total dust.

**SAMPLE PREPARATION:**

3. Open the cassette filter holders and transfer the samples and blanks to clean beakers.
4. Add 5 mL ashing acid. Cover with a watchglass. Let stand 30 min at room temperature.  
NOTE: Start a reagent blank at this step.
5. Heat on hotplate (120 °C) until ca. 0.5 mL remains.  
NOTE 1: Recovery of lead from some paint matrices may require other digestion techniques. See Method 7082 (Lead by Flame AAS) for an alternative hotplate digestion procedure or Method 7302 for a microwave digestion procedure.  
NOTE 2: Some species of Al, Be, Co, Cr, Li, Mn, Mo, V, and Zr will not be completely solubilized by this procedure. Alternative solubilization techniques for most of these elements can be found elsewhere [5-10]. For example, aqua regia may be needed for Mn [6,12].
6. Add 2 mL ashing acid and repeat step 5. Repeat this step until the solution is clear.
7. Remove watchglass and rinse into the beaker with distilled water.
8. Increase the temperature to 150 °C and take the sample to near dryness (ca. 0.5 mL).
9. Dissolve the residue in 2 to 3 mL dilution acid.
10. Transfer the solutions quantitatively to 25-mL volumetric flasks.
11. Dilute to volume with dilution acid.  
NOTE: If more sensitivity is required, the final sample volume may be held to 10 mL.



**CALIBRATION AND QUALITY CONTROL:**

12. Calibrate the spectrometer according to the manufacturers recommendations.

NOTE: Typically, an acid blank and 1.0 µg/mL multielement working standards are used. The following multielement combinations are chemically compatible in 4% HNO<sub>3</sub>/1% HClO<sub>4</sub>:

- a. Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, La, In, Na
  - b. Ag, K, Li, Mg, Mn, Ni, P, Pb, Se, Sr, Ti, V, Y, Zn, Sc
  - c. Mo, Sb, Sn, Te, Ti, W, Zr
  - d. Acid blank
13. Analyze a standard for every ten samples.
  14. Check recoveries with at least two spiked blank filters per ten samples.

**MEASUREMENT:**

15. Set spectrometer to conditions specified by manufacturer.
16. Analyze standards and samples.

NOTE: If the values for the samples are above the range of the standards, dilute the solutions with dilution acid, reanalyze and apply the appropriate dilution factor in the calculations.

**CALCULATIONS:**

17. Obtain the solution concentrations for the sample,  $C_s$  (µg/mL), and the average media blank,  $C_b$  (µg/mL), from the instrument.
18. Using the solution volumes of sample,  $V_s$  (mL), and media blank,  $V_b$  (mL), calculate the concentration,  $C$  (mg/m<sup>3</sup>), of each element in the air volume sampled,  $V$  (L):

$$C = \frac{C_s V_s - C_b V_b}{V}, \text{mg} / \text{m}^3$$

NOTE: µg/L ≡ mg/m<sup>3</sup>

**EVALUATION OF METHOD:****Issues 1 and 2**

Method, 7300 was originally evaluated in 1981 [2,3]. The precision and recovery data were determined at 2.5 and 1000 µg of each element per sample on spiked filters. The measurements used for the method evaluation in Issues 1 and 2 were determined with a Jarrell-Ash Model 1160 Inductively Coupled Plasma Spectrometer operated according to manufacturer's instructions.

**Issue 3**

In this update of NIOSH Method 7300, the precision and recovery data were determined at approximately 3x and 10x the instrumental detection limits on commercially prepared spiked filters [12] using 25.0 mL as the final sample volume. Tables 3 and 4 list the precision and recovery data, instrumental detection limits, and analytical wavelengths for mixed cellulose ester (MCE) and polyvinyl chloride (PVC) filters. PVC Filters which can be used for total dust measurements and then digested for metals measurements were tested and found to give good results. The values in Tables 3 and 4 were determined with a Spectro Analytical Instruments Model End On Plasma (EOP)(axial) operated according to manufacturer's instructions.



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TABLE 1. PROPERTIES AND SAMPLING VOLUMES

Element (Symbol)	Properties		Air Volume, L @ OSHA PEL	
	Atomic Weight	MP, °C	MIN	MAX
Silver (Ag)	107.87	961	250	2000
Aluminum (Al)	26.98	660	5	100
Arsenic (As)	74.92	817	5	2000
Barium (Ba)	137.34	710	50	2000
Beryllium (Be)	9.01	1278	1250	2000
Calcium (Ca)	40.08	842	5	200
Cadmium (Cd)	112.40	321	13	2000
Cobalt (Co)	58.93	1495	25	2000
Chromium (Cr)	52.00	1890	5	1000
Copper (Cu)	63.54	1083	5	1000
Iron (Fe)	55.85	1535	5	100
Potassium (K)	39.10	63.65	5	1000
Lanthanum	138.91	920	5	1000
Lithium (Li)	6.94	179	100	2000
Magnesium (Mg)	24.31	651	5	67
Manganese (Mn)	54.94	1244	5	200
Molybdenum (Mo)	95.94	651	5	67
Nickel (Ni)	58.71	1453	5	1000
Phosphorus (P)	30.97	44	25	2000
Lead (Pb)	207.19	328	50	2000
Antimony (Sb)	121.75	630.5	50	2000
Selenium (Se)	78.96	217	13	2000
Tin (Sn)	118.69	231.9	5	1000
Strontium (Sr)	87.62	769	10	1000
Tellurium (Te)	127.60	450	25	2000
Titanium (Ti)	47.90	1675	5	100
Thallium (Tl)	204.37	304	25	2000
Vanadium (V)	50.94	1890	5	2000
Tungsten (W)	183.85	3410	5	1000
Yttrium (Y)	88.91	1495	5	1000
Zinc (Zn)	65.37	419	5	200
Zirconium (Zr)	91.22	1852	5	200



**TABLE 2. EXPOSURE LIMITS, CAS #, RTECS**

Element (Symbol)	CAS #	RTECS	Exposure Limits, mg/m <sup>3</sup> (Ca = carcinogen)		
			OSHA	NIOSH	ACGIH
Silver (Ag)	7440-22-4	VW3500000	0.01 (dust, fume, metal)	0.01 (metal, soluble)	0.1 (metal) 0.01 (soluble)
Aluminum (Al)	7429-90-5	BD0330000	15 (total dust) 5 (respirable)	10 (total dust) 5 (respirable fume) 2 (salts, alkyls)	10 (dust) 5 (powders, fume) 2 (salts, alkyls)
Arsenic (As)	7440-38-2	CG0525000	varies	C 0.002, Ca	0.01, Ca
Barium (Ba)	7440-39-3	CQ8370000	0.5	0.5	0.5
Beryllium (Be)	7440-41-7	DS1750000	0.002, C 0.005	0.0005, Ca	0.002, Ca
Calcium (Ca)	7440-70-2	--	varies	varies	varies
Cadmium (Cd)	7440-43-9	EU9800000	0.005	lowest feasible, Ca	0.01 (total), Ca 0.002 (respir.), Ca
Cobalt (Co)	7440-48-4	GF8750000	0.1	0.05 (dust, fume)	0.02 (dust, fume)
Chromium (Cr)	7440-47-3	GB4200000	0.5	0.5	0.5
Copper (Cu)	7440-50-8	GL5325000	1 (dust, mists) 0.1 (fume)	1 (dust) 0.1 (fume)	1 (dust, mists) 0.2 (fume)
Iron (Fe)	7439-89-6	NO4565500	10 (dust, fume)	5 (dust, fume)	5 (fume)
Potassium (K)	7440-09-7	TS6460000	--	--	--
Lanthanum	7439-91-0	--	--	--	--
Lithium (Li)	7439-93-2	--	--	--	--
Magnesium (Mg)	7439-95-4	OM2100000	15 (dust) as oxide 5 (respirable)	10 (fume) as oxide	10 (fume) as oxide
Manganese (Mn)	7439-96-5	OO9275000	C 5	1; STEL 3	5 (dust) 1; STEL 3 (fume)
Molybdenum (Mo)	7439-98-7	QA4680000	5 (soluble) 15 (total insoluble)	5 (soluble) 10 (insoluble)	5 (soluble) 10 (insoluble)
Nickel (Ni)	7440-02-0	QR5950000	1	0.015, Ca	0.1 (soluble) 1 (insoluble, metal)
Phosphorus (P)	7723-14-0	TH3500000	0.1	0.1	0.1
Lead (Pb)	7439-92-1	OF7525000	0.05	0.05	0.05
Antimony (Sb)	7440-36-0	CC4025000	0.5	0.5	0.5
Selenium (Se)	7782-49-2	VS7700000	0.2	0.2	0.2
Tin (Sn)	7440-31-5	XP7320000	2	2	2
Strontium (Sr)	7440-24-6	--	--	--	--
Tellurium (Te)	13494-80-9	WY2625000	0.1	0.1	0.1
Titanium (Ti)	7440-32-6	XR1700000	--	--	--
Thallium (Tl)	7440-28-0	XG3425000	0.1 (skin) (soluble)	0.1 (skin) (soluble)	0.1 (skin)
Vanadium (V)	7440-62-2	YW2400000	--	C 0.05	--
Tungsten	7440-33-7	--	5	5 10 (STEL)	5 10 (STEL)
Yttrium (Y)	7440-65-5	ZG2980000	1	N/A	1
Zinc (Zn)	7440-66-6	ZG8600000	--	--	--
Zirconium (Zr)	7440-67-7	ZH7070000	5	5, STEL 10	5, STEL 10



**TABLE 3. MEASUREMENT PROCEDURES AND DATA [1].**  
**Mixed Cellulose Ester Filters (0.45 µm)**

Element (a)	wavelength nm	Est. LOD µg/ Filter	LOD ng/mL	Certified 3x LOD (b)	% Recovery (c)	Percent RSD (N=25)	Certified 10x LOD (b)	% Recovery (c)	Percent RSD (N=25)
Ag	328	0.042	1.7	0.77	102.9	2.64	3.21	98.3	1.53
Al	167	0.115	4.6	1.54	105.4	11.5	6.40	101.5	1.98
As	189	0.140	5.6	3.08	94.9	2.28	12.9	93.9	1.30
Ba	455	0.005	0.2	0.31	101.8	1.72	1.29	97.7	0.69
Be	313	0.005	0.2	0.31	100.0	1.44	1.29	98.4	0.75
Ca	317	0.908	36.3	15.4	98.7	6.65	64.0	100.2	1.30
Cd	226	0.0075	0.3	0.31	99.8	1.99	1.29	97.5	0.88
Co	228	0.012	0.5	0.31	100.8	1.97	1.29	98.4	0.90
Cr	267	0.020	0.8	0.31	93.4	16.3	1.29	101.2	2.79
Cu	324	0.068	2.7	1.54	102.8	1.47	6.40	100.6	0.92
Fe	259	0.095	3.8	1.54	103.3	5.46	6.40	98.0	0.95
K	766	1.73	69.3	23.0	90.8	1.51	96.4	97.6	0.80
La	408	0.048	1.9	0.77	102.8	2.23	3.21	100.1	0.92
Li	670	0.010	0.4	0.31	110.0	1.91	1.29	97.7	0.81
Mg	279	0.098	3.9	1.54	101.1	8.35	6.40	98.0	1.53
Mn	257	0.005	0.2	0.31	101.0	1.77	1.29	94.7	0.73
Mo	202	0.020	0.8	0.31	105.3	2.47	1.29	98.6	1.09
Ni	231	0.020	0.8	0.31	109.6	3.54	1.29	101.2	1.38
P	178	0.092	3.7	1.54	84.4	6.19	6.40	82.5	4.75
Pb	168	0.062	2.5	1.54	109.4	2.41	6.40	101.7	0.88
<b>Sb</b>	206	0.192	7.7	3.08	90.2	11.4	12.9	<b>41.3</b>	32.58
Se	196	0.135	5.4	2.3	87.6	11.6	9.64	84.9	4.78
<b>Sn</b>	189	0.040	1.6	0.77	90.2	18.0	3.21	<b>49</b>	21.79
Sr	407	0.005	0.2	0.31	101.0	1.55	1.29	97.3	0.65
Te	214	0.078	3.1	1.54	102.0	2.67	6.40	97.4	1.24
Ti	334	0.050	2.0	0.77	98.4	2.04	3.21	93.4	1.08
Tl	190	0.092	3.7	1.54	100.9	2.48	6.40	99.1	0.80
V	292	0.028	1.1	0.77	103.2	1.92	3.21	98.3	0.84
<b>W</b>	207	0.075	3.0	1.54	<b>72.2</b>	10.1	6.40	<b>57.6</b>	14.72
Y	371	0.012	0.5	0.31	100.5	1.80	1.29	97.4	0.75
Zn	213	0.310	12.4	4.60	102.2	1.87	19.3	95.3	0.90
<b>Zr</b>	339	0.022	0.9	0.31	88.0	19.4	1.29	<b>25</b>	57.87

- (a) Bold values are qualitative only because of low recovery.  
(b) Values are certified by Inorganic Ventures INC. at 3x and 10x the approximate instrumental LOD  
(c) Values reported were obtained with a Spectro Analytical Instruments EOP ICP; performance may vary with instrument and should be independently verified.



**TABLE 4. MEASUREMENT PROCEDURES AND DATA [1].**  
**Polyvinyl Chloride Filter (5.0 µm)**

Element (c)	wavelength nm	Est. LOD µg per filter	LOD ng/mL	Certified 3x LOD (b)	% Recovery (a)	Percent RSD (N=25)	Certified <sup>17</sup> 10x LOD (b)	% Recovery (a)	Percent RSD (N=25)
Ag	328	0.042	1.7	0.78	104.2	8.20	3.18	81.8	18.9
Al	167	0.115	4.6	1.56	77.4	115.24	6.40	92.9	20.9
As	189	0.140	5.6	3.10	100.7	5.13	12.70	96.9	3.2
Ba	455	0.005	0.2	0.31	102.4	3.89	1.270	99.8	2.0
Be	313	0.005	0.2	0.31	106.8	3.53	1.270	102.8	2.1
<b>Ca</b>	317	0.908	36.3	15.6	<b>68.1</b>	12.66	64.00	96.8	5.3
Cd	226	0.0075	0.3	0.31	105.2	5.57	1.27	101.9	2.8
Co	228	0.012	0.5	0.31	109.3	4.67	1.27	102.8	2.8
Cr	267	0.020	0.8	0.31	109.4	5.31	1.27	103.4	4.1
Cu	324	0.068	2.7	1.56	104.9	5.18	6.40	101.8	2.4
Fe	259	0.095	3.8	1.56	88.7	46.82	6.40	99.1	9.7
K	766	1.73	69.3	23.4	96.4	4.70	95.00	99.2	2.2
<b>La</b>	408	0.048	1.9	0.78	<b>45.5</b>	4.19	3.18	98.8	2.6
Li	670	0.010	0.4	0.31	107.7	4.80	1.27	110.4	2.7
<b>Mg</b>	279	0.098	3.9	1.56	<b>54.8</b>	20.59	6.40	<b>64.5</b>	5.7
Mn	257	0.005	0.2	0.31	101.9	4.18	1.27	99.3	2.4
Mo	202	0.020	0.8	0.31	106.6	5.82	1.27	98.1	3.8
Ni	231	0.020	0.8	0.31	111.0	5.89	1.27	103.6	3.2
P	178	0.092	3.7	1.56	101.9	17.82	6.40	86.5	10.4
Pb	168	0.062	2.5	1.56	109.6	6.12	6.40	103.2	2.9
<b>Sb</b>	206	0.192	7.7	3.10	<b>64.6</b>	22.54	12.70	<b>38.1</b>	30.5
Se	196	0.135	5.4	2.30	83.1	26.23	9.50	76.0	17.2
<b>Sn</b>	189	0.040	1.6	0.78	85.7	27.29	3.18	<b>52.0</b>	29.4
<b>Sr</b>	407	0.005	0.2	0.31	<b>71.8</b>	4.09	1.27	81.2	2.7
Te	214	0.078	3.1	1.56	109.6	7.49	6.40	97.3	3.8
Ti	334	0.050	2.0	0.78	101.0	9.46	3.18	92.4	5.5
Tl	190	0.092	3.7	1.56	110.3	4.04	6.40	101.9	2.0
V	292	0.028	1.1	0.78	108.3	3.94	3.18	102.5	2.6
<b>W</b>	207	0.075	3.0	1.56	<b>74.9</b>	15.79	6.40	<b>44.7</b>	19.6
Y	371	0.012	0.5	0.31	101.5	3.63	1.27	101.4	2.5
Zn	213	0.310	12.4	4.70	91.0	68.69	19.1	101.0	9.6
<b>Zr</b>	339	0.022	0.9	0.31	<b>70.7</b>	54.20	1.27	<b>40.4</b>	42.1

- (a) Values reported were obtained with a Spectro Analytical Instruments EOP ICP; performance may vary with instrument and should be independently verified.
- (b) Values are certified by Inorganic Ventures INC. at 3x and 10x the approximate instrumental LOD [12].
- (c) Bold values are qualitative only because of low recovery. Other digestion techniques may be more appropriate for these elements and their compounds.



## Trestler, Lauren

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**From:** Goloubow, Ron  
**Sent:** Wednesday, November 18, 2009 7:21 PM  
**To:** Santos.Carmen@epamail.epa.gov  
**Cc:** Gibbs, Alan  
**Subject:** FW: 1009 66th Avenue Oakland, CA - Confirmation soil samples for Non-PCB excavations  
**Attachments:** PCBs in soil rev2 Layout1 (1).pdf

Carmen –

Per my voice message, we understand that confirmation soil samples that are to be collected from the three areas of excavation that are located OUTSIDE the excavation areas [for](#) PCB-affected soil will not be collected for the analysis of PCBs (see attached Figure 2) . These areas are being excavated for soil affected by TPH, metals, or SVOCs and not PCBs. This sampling scheme is appropriate based on the analytical results of PCB analysis for soil sample collected from within (and near) the “footprint” of the proposed areas of excavation (see Figure 2).

Thanks Ron.

Ron Goloubow, P.G.  
Senior Associate Geologist  
LFR Inc., an ARCADIS Company  
1900 Powell Street, 12th Floor  
Emeryville, CA 94608-1827  
510-596-9550 Direct Dial  
510-501-1789 Cell  
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510-652-4906 Facsimile  
[ron.goloubow@lfr.com](mailto:ron.goloubow@lfr.com)  
Visit us at [www.lfr.com](http://www.lfr.com)



## Trestler, Lauren

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**From:** Goloubow, Ron  
**Sent:** Thursday, January 14, 2010 1:56 PM  
**To:** Santos.Carmen@epamail.epa.gov  
**Cc:** Gibbs, Alan; Goldberg Day, Amy; charles@pacificcharter.org; Mike.Barr@aspirepublicschools.org; Annie.Bauer@aspirepublicschools.org; Wilson.Patrick@epamail.epa.gov; paresh.khatri@acgov.org; MMalinow@dtsc.ca.gov  
**Subject:** Aspire - Oakland, CA - Follow Up to December 10 and 16, 2009 Conference Calls - Cleanup Level and Risk-Based Disposal Approval Application  
**Attachments:** ltr-Aspire-RBCP-Jan10-RV009155.pdf

Carmen and others - attached is the request to change the remedial approach from a Self-Implementing Cleanup Plan (SICP) to a Risk-Based Cleanup Plan (RBCP). Carmen, I will contact you early next week to determine the EPA's schedule regarding the review of the attached letter. Thanks in advance for your prompt attention to this matter and as always please feel free to contact me should you have any questions or concerns regarding this project.

Ron.

**Ron Goloubow, PG** | Senior Associate Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)

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[www.arcadis-us.com](http://www.arcadis-us.com)

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**From:** Santos.Carmen@epamail.epa.gov [mailto:Santos.Carmen@epamail.epa.gov]  
**Sent:** Friday, December 18, 2009 11:31 AM  
**To:** Goloubow, Ron  
**Cc:** Gibbs, Alan; Goldberg Day, Amy; charles@pacificcharter.org; Mike.Barr@aspirepublicschools.org; Annie.Bauer@aspirepublicschools.org; Wilson.Patrick@epamail.epa.gov; paresh.khatri@acgov.org; MMalinow@dtsc.ca.gov  
**Subject:** PCBs - Aspire Site: Follow Up to December 10 and 16, 2009 Conference Calls - Cleanup Level and Risk-Based Disposal Approval Application  
**Importance:** High

Dear Ron Goloubow:

We had a conference call with you on December 16, 2009 to answer questions that LFR had on USEPA's reply to LFR's December 11, 2009 message (which is included at the end of the attached message string). During that conference call, USEPA clarified that under the self-implementing PCB cleanup option individual cleanup verification samples must meet for PCBs the cleanup level of 0.13 ppm. Under the self-implementing cleanup option, cleanup levels for PCBs are met based on comparison of in-situ soil verification sampling data to the cleanup level and not on statistical analysis of the data. LFR / Aspire may consider applying for a risk-based disposal approval for the PCB cleanup at the Aspire site in Oakland. If this option is elected, LFR / Aspire need to submit a letter to USEPA explaining why LFR / Aspire want now to conduct the PCB cleanup under the risk-based cleanup option (40 CFR 761.61(c)) instead of under the PCB self-implementing cleanup plan (40 CFR 761.61(a)) that USEPA conditionally approved on November 13, 2009. We explained that in accordance with 40 CFR 761.61(c), LFR / Aspire must obtain USEPA's approval of such risk-based disposal application before beginning the PCB cleanup. Further, given a school has been proposed to be built at the Aspire site in Oakland and that ACDEH has approved a cleanup plan with a cumulative risk-based cleanup level of 0.13 ppm, EPA has requested that LFR / Aspire's PCB risk-based cleanup application be consistent with the EPA TSCA PCB regulatory requirements, DTSC School Program requirements, and ACDEH requirements.

As explained during the conference call, under the risk-based PCB cleanup option, the party conducting the cleanup can propose cleanup verification sampling and data handling procedures different than those



required in the PCB self-implementing option to demonstrate compliance with the cleanup level (see 40 CFR 761.61(c)). The LFR risk-based cleanup plan must include all the information already submitted by LFR in its self-implementing PCB cleanup notification (including the written, signed certification) and all risk-based calculations used to derive the 0.13 ppm cleanup level (see 40 CFR 761.61(c)). In addition to PCBs, the cleanup level should encompass all the other contaminants found at the site. In addition, the LFR / Aspire risk-based cleanup application must include all the information we requested in our December 14, 2009 electronic message sent to you at 10:38 AM. The application must include all the calculations that LFR / Aspire will apply in the evaluation of cleanup verification data to demonstrate the 0.13 ppm cleanup level has been met for PCBs and all other contaminants at the site.

USEPA will make its best efforts to expedite review and approval of the application. The completeness and quality of the application, however, will facilitate an expedited review provided we do not encounter any emergencies at other sites.

Please call me if you have any questions concerning this message.

I thank you for your courtesies and wish you a happy and safe Holiday Season.

Sincerely,

Carmen D. Santos, Project Manager  
RCRA Corrective Action Office  
Waste Management Division  
USEPA Region 9  
415.972.3360  
fax: 415.947.3533

-----Forwarded by Carmen Santos/R9/USEPA/US on 12/18/2009 10:50AM -----

To: "Goloubow, Ron" <Ron.Goloubow@lfr.com>  
From: Carmen Santos/R9/USEPA/US  
Date: 12/14/2009 10:38AM  
cc: "Gibbs, Alan" <Alan.Gibbs@lfr.com>, "Goldberg Day, Amy" <Amy.GoldbergDay@lfr.com>, Charles Robitaille <charles@pacificcharter.org>, Mike Barr <Mike.Barr@aspirepublicschools.org>, Annie Bauer <Annie.Bauer@aspirepublicschools.org>, Patrick Wilson/R9/USEPA/US@EPA  
Subject: Re: FW: PCBs - Aspire Site, Follow Up to December 10, 2009 Conference Call

Dear Ron Goloubow:

This message reiterates our request for the information that we asked in the December 11, 2009 message (sent to you at 12:02 PM). The use and application of the Agency's Pro-UCL statistical package to support data analysis is consistent with current Agency risk assessment guidance. The use of the Pro-UCL package however, does not mitigate Aspire's responsibility to provide the additional risk assessment supporting information that was contained in my previous message to you. That is, a comprehensive and site-wide conceptual site model (CSM), and the supporting risk assessment exposure and risk characterization equations - in addition to the equation inputs - will be necessary for EPA to complete a timely review.

In addition, samples with contaminant concentrations less than the laboratory detection or reporting limit(s) should be managed consistent with the guidelines found in the Pro-UCL support guidance. That is, the statistical package will conduct an evaluation of the entire data set to determine its statistical distribution. A distribution-specific upper confidence limit on the mean (UCLm) will then be reported and should then be used as the exposure point concentration (EPC) in support of risk characterization. Pro-UCL will use boot-strap and other statistical methods to approximate the most appropriate concentration value to be substituted for those samples with PCB concentrations less than the laboratory reporting or detection limit. Therefore, the substitution of non-detect sample results with the reporting limit is not the recommended approach.



We look forward to receiving the requested information.

Thank you for your courtesies.

Sincerely,

Carmen D. Santos, Project Manager  
RCRA Corrective Action Office  
Waste Management Division  
USEPA Region 9  
415.972.3360  
fax: 415.947.3533

☐ "Goloubow, Ron" ---12/11/2009 02:28:17 PM---Per our conversation yesterday, LFR is in the process of applying the 95% upper confidence level sta

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From: "Goloubow, Ron" <Ron.Goloubow@lfr.com>

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To: Carmen Santos/R9/USEPA/US@EPA, Patrick Wilson/R9/USEPA/US@EPA, "Khatri, Paresh, Env. Health" <paresh.khatri@acgov.org>, Mark Malinowski <MMalinow@dtsc.ca.gov>

---

Cc: "Gibbs, Alan" <Alan.Gibbs@lfr.com>, "Goldberg Day, Amy" <Amy.GoldbergDay@lfr.com>, Charles Robitaille <charles@pacificcharter.org>, Mike Barr <Mike.Barr@aspirepublicschools.org>, Annie Bauer <Annie.Bauer@aspirepublicschools.org>

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Date: 12/11/2009 02:28 PM

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Subject: FW: PCBs - Aspire Site, Follow Up to December 10, 2009 Conference Call

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Per our conversation yesterday, LFR is in the process of applying the 95% upper confidence level statistical analysis (95-UCL) to the analytical data for the soil samples that contain PCBs greater than 0.13 mg/kg and less than 0.39 mg/kg that would remain in soil at the Site. For samples that have less than the laboratory reporting limit we are planning to use the laboratory reporting limit as a concentration of PCBs that are left in place at that particular location. The US EPA statistical software ProUCL will be used to calculate the 95% UCL.

If this analysis determines that the 95-UCL is  $\leq 0.13$  mg/kg for soil across the Site would this analysis provide the data required to deem the removal action as successful?

Please let me know.

Ron Goloubow, P.G.  
LFR Inc., an ARCADIS Company  
510-596-9550 Direct Dial  
510-501-1789 Cell  
510-652-4906 Facsimile  
[ron.goloubow@lfr.com](mailto:ron.goloubow@lfr.com)

**From:** Santos.Carmen@epamail.epa.gov [ <mailto:Santos.Carmen@epamail.epa.gov> ]

**Sent:** Friday, December 11, 2009 12:02 PM

**To:** Goloubow, Ron; Gibbs, Alan

**Cc:** Annie Bauer; Mike Barr; Mark Malinowski; Khatri, Paresh, Env. Health; Charles Robitaille; Wilson.Patrick@epamail.epa.gov



**Subject:** PCBs - Aspire Site, Follow Up to December 10, 2009 Conference Call

Dear Ron Goloubow and Alan Gibbs:

I am following up on the issue of Aspire continuing with the conditionally-approved PCB self-implementing cleanup notification rather than submitting a PCB risk-based disposal approval. Our November 13, 2009 conditional approval letter establishes a cleanup goal for PCBs of 0.13 mg/kg (total Aroclors) for the Aspire school site in Oakland - a level consistent with the cleanup goal proposed in your corrective action plan and a concentration previously approved by the Alameda County Department of Health (ACDH).

I want to clarify that if Aspire decides to propose a different cleanup level, that Aspire may make such proposal via an amendment to the current self-implementing cleanup notification as long as: (1) all exposure assessment and risk characterization calculations and inputs, a site-wide conceptual site model (CSM), and all supporting justifications are submitted to USEPA for review and approval, (2) the proposed PCB risk-based cleanup level does not increase the site-wide cumulative risk or hazard of applicable contaminants at the site beyond a risk range acceptable to ACDH, DTSC School Program, and USEPA, and (3) ACDH, DTSC's School Program, and USEPA agree that the proposed cleanup level is adequate and protective.

Please call me if you have any questions concerning this follow up message.

Thank you for your courtesies and have a nice day.

Sincerely,

Carmen D. Santos, Project Manager  
RCRA Corrective Action Office  
Waste Management Division  
USEPA Region 9  
415.972.3360  
fax: 415.947.3533

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## Trestler, Lauren

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**From:** Goloubow, Ron  
**Sent:** Thursday, March 04, 2010 4:05 PM  
**To:** 'Santos.Carmen@epamail.epa.gov'; Rollins.Christopher@epamail.epa.gov  
**Subject:** Aspire Oakland, CA - Manifests  
**Attachments:** aspire wm manifests\_001.pdf; aspire wm manifests\_029.pdf

Carmen the attached manifests are for the 968.81 tons of PCB-affected soil that was excavated, and transported from the subject Site to Waste Management's Kettleman Hills Landfill. I will send hard copies via regular mail.

Thanks Ron.

**Ron Goloubow, PG** | Senior Associate Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)

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**From:** [Santos.Carmen@epamail.epa.gov](mailto:Santos.Carmen@epamail.epa.gov) [<mailto:Santos.Carmen@epamail.epa.gov>]  
**Sent:** Monday, February 22, 2010 12:27 PM  
**To:** Goloubow, Ron  
**Cc:** [Rollins.Christopher@epamail.epa.gov](mailto:Rollins.Christopher@epamail.epa.gov)  
**Subject:** PCBs: Aspire Site in Oakland (1009 66th Avenue)

Greetings, Ron:

This message is concerning the application dated January 14, 2010.

I want to provide a clarification on the issue of disposal of PCB remediation waste, since we have cited the regulations for disposal in several previous occasions. This message also request specific information concerning off-site disposal of PCB remediation waste.

In reviewing the application, it seems that LFR-ARCADIS / Aspire believe that soils contaminated with PCBs at concentrations greater than 1 mg/kg and lower than 50 mg/kg are not regulated under TSCA. The Aspire application states that: *"In addition, soil will be transported for off-site disposal as a non-TSCA waste (PCB concentrations greater than 1 mg/kg but less than 50 mg/kg)."*

Contaminated soils are bulk PCB remediation wastes and regulated for disposal under TSCA regardless the TSCA cleanup is being conducted under the self- implementing (40 CFR 761.61(a)) or risk-based disposal approval (40 CFR 761.61(c)) sections of the TSCA regulations. See 40 CFR 761.61(a)(5)(i)(B), (B)(1), (B)(2)(ii) and 40 CFR 761.61(a)(5)(v)(a) concerning off-site disposal of bulk PCB remediation waste with a PCB concentration below 50 mg/kg.

Within 30 days after the date of this message please submit copies of the documents related to the transportation and off-site disposal of bulk PCB remediation wastes (containing PCBs at less than 50 mg/kg) demonstrating such waste was properly identified as TSCA regulated and disposed off-site in accordance with the regulations cited above. In addition, the in-situ soil PCB concentration should have been used to determine the PCB concentration for off-site disposal and not the PCB concentration of soils after excavation and staged in a pile.

If you have any questions concerning this message, please call me at 415.972.3360.

I thank you for your courtesies.

Sincerely,

Carmen D. Santos, Project Manager



RCRA Corrective Action Office  
Waste Management Division  
USEPA Region 9  
415.972.3360  
fax: 415.947.3533



## Trestler, Lauren

---

**From:** Goloubow, Ron  
**Sent:** Monday, June 28, 2010 7:46 PM  
**To:** 'Santos.Carmen@epamail.epa.gov'  
**Subject:** Aspire School Site in Oakland, California - Conditional Approval of SAP and LFR's November 18, 2009 Letter  
**Attachments:** Table\_1-AirResults-09155.pdf

Carmen as requested I have provided a summary of how the following conditions provided in your email below were addressed at the Subject Site. The responses are in green. Please let me know if this is what you were looking for. If so I will put it on ARCADIS letterhead to make it more formal...

Ron.

Ron Goloubow, PG | Senior Associate Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)

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T. 510.596.9550 | M. 510.501-1789 | F. 510.652.2246  
[www.arcadis-us.com](http://www.arcadis-us.com)

---

**From:** Santos.Carmen@epamail.epa.gov [mailto:Santos.Carmen@epamail.epa.gov]  
**Sent:** Wednesday, November 25, 2009 10:30 AM  
**To:** Goloubow, Ron  
**Cc:** wilson.patrick@epa.gov; santos.carmen@epa.gov  
**Subject:** PCBs: Aspire School Site in Oakland, California - Conditional Approval of SAP and LFR's November 18, 2009 Letter  
**Importance:** High

Dear Ron Goloubow:

Thank you for submitting the November 18, 2009 letter concerning USEPA's November 13, 2009 conditions of approval for the *"Toxic Substances Control Act Self-Implementing Cleanup Notification and Certification Former Pacific Electric Motors Facility 1009 66th Avenue in Oakland, California"* (prepared by LFR Inc. for Aspire and dated October 23, 2009) and the *"Sampling and Analysis Plan (SAP) For the Former Pacific Electric Motors Facility 1009 66th Avenue, Oakland, California November 2009, Prepared under notification requirements of 40 CFR 761.61(a)(3)."* We have reviewed both documents, which are attached below. This message addresses clarifications on these documents and USEPA's conditional approval of LFR's Soil Sampling Plan.

### A. LFR Inc. November 18, 2009 Letter

Ambient air monitoring for PCB Aroclors in dust at the perimeter of the site. I will consult next week with my colleagues on the perimeter air sampling that LFR has proposed to meet Condition 6 of USEPA's November 13, 2009 approval letter and will get back to LFR on this issue during the week of November 30, 2009. In the meantime, I have some comments regarding the NIOSH method proposed in LFR's November 18, 2009 letter. The NIOSH Method 5503 states that precision of the method has not been evaluated, accuracy of the method has not been determined, range not studied, and for bias, the method indicates that none has been identified. Perhaps other analytical methods could be considered to meet the purpose of Condition 6. In a separate message I am asking some clarifications on the miniRam.

Air monitoring consisting of dust monitoring and the collection and analysis of air samples was conducted in accordance with the procedures provided in the CAP and the letter from LFR to USEPA dated November 18, 2009. Analytical result of the air samples did not contain pcbs above the laboratory reporting limits in any of the air samples collected at the Site. The draft table summarizing the results of the air monitoring is attached.



Building Materials Sampling Plan. Decontamination of sampling equipment and tools must be in accordance with 40 CFR 761.79(c)(2) as required in approval Condition 3 of USEPA's November 13, 2009 approval letter. The portions of the tools that came in contact with the building materials (trowel, drill bit, and screwdriver) were swabbed with a towels containing hexane. The decontamination materials were disposed of along with the PCB affected soil that was transported to Waste Management's Kettleman Hills Landfill.

Deed Notice. As required in approval Condition 9 of USEPA's November 13, 2009 approval letter, the owner of the property is to submit a written, signed certification to USEPA certifying the required deed notice was recorded in accordance with state law. We have not yet started on this.

Certification required under 40 CFR 761.61(a)(3)(i)(E). The revised written, signed certification meets the requirements of USEPA's conditional approval letter. Okay

## **B. LFR's November 2009 Soil Sampling Plan - Conditional Approval**

The following are the conditions of approval for "Sampling and Analysis Plan (SAP) For the Former Pacific Electric Motors Facility 1009 66th Avenue, Oakland, California November 2009, Prepared under notification requirements of 40 CFR 761.61(a)(3)."

1. SAP, Soil cleanup verification sampling. Verification of soil cleanup must be conducted in accordance with 40 CFR 761.61(a)(6) and 40 CFR 761, Subpart O. Refer to the requirements in these regulations. If verification sampling shows that soils are still above the 0.13 cleanup level, soils must be excavated until the cleanup level is achieved as demonstrated through cleanup verification sampling (see 40 CFR 761.61(a)(6)). Soil samples were collected from excavations of PCB-affected soil in accordance with the SAP which required sidewall samples collected approximately every 25 linear feet and bottom samples collected approximately every 400 square feet.

2. SAP, Sections 1.1 (Summary information), 1.3 (Target Excavation Levels), 2.2 (Excavation Confirmation Soil Sampling Procedure). As acknowledged in LFR's November 18, 2009 letter, the soil cleanup level for the self implementing cleanup of PCBs at the Aspire site in Oakland is 0.13 mg/kg (ppm) and not 0.39 mg/kg. The soil cleanup level in the LFR Sampling Plan is revised accordingly to reflect the soil cleanup level specified in USEPA's November 13, 2009 conditional approval letter.

3. SAP, Section 2.2 (Excavation Confirmation Soil Sampling Procedure). This section states:

"Collect soil samples from the bottom of the excavation on an approximate 30 foot by 30 foot grid, at least one bottom sample will be collected from each excavation." and

"Confirmation soil samples from either the floor or sidewalls that contain 0.39 mg/kg PCB or less shall be a confirmation that high-level PCB soils have been removed. Confirmation soil samples that contain greater than 0.39 mg/kg PCB shall be an indication that the specific grid needs further excavation in order to remove the PCB affected soil from the affected area."

The soil cleanup level referred to in the above cited paragraphs from Section 2.2 of the SAP is changed herein to 0.13 mg/kg (ppm), consistent with USEPA's November 13, 2009 approval letter. Please refer to Item B.1 ("SAP, Soil cleanup verification sampling") above. Done

4. LFR's November 23, 2009 electronic mail message. As agreed on November 23, 2009, LFR will collect six additional soil cleanup verification samples for PCB analysis only from the locations depicted in "blue highlighter" in the attached LFR map. These six soil cleanup verification samples are incorporated herein by reference into LFR's November 2009 SAP and such SAP is the subject of this conditional approval. LFR will also analyze for PCBs soil cleanup confirmation samples that will be collected around the perimeter of the polygon outlined in red and shown in the attached LFR map. LFR is collecting soil samples every 25 feet along the perimeter of this red-outlined polygon area. These samples are Such samples will also be analyzed with other constituents of concern identified at the site. These soil cleanup verification samples are incorporated herein by reference into LFR's November 2009 SAP and such SAP is the subject of this conditional approval. Although not discussed with LFR on November 23, 2009, PCB excavation



areas (e.g., PCB Excavation Area 2) outside of the red-outlined "polygon area" should also be reviewed in similar manner as PCB Excavation Area 3 and the polygon area to determine if additional soil cleanup verification samples are necessary in light of the 0.13 mg/kg cleanup level for PCBs. The detection limit for areas showing that PCBs were not detected should be reviewed to ensure the PCB detection limit used in the sample analysis is below the PCB cleanup level. Done.

5. "Additional Soil Sampling" and "Rationale for Additional Soil Sampling" sections in LFR's October 23, 2009 Self Implementing Cleanup Plan. These sections of the self implementing cleanup plan include additional soil characterization samples to be collected in certain areas (e.g., steam sump, beneath and around sewer lines, beneath and around the compressor area) at the Aspire site. These sections of the cleanup plan are incorporated herein by reference into LFR's November 2009 SAP and such SAP is the subject of this conditional approval. Depending on the sampling and analysis results, soil cleanup and cleanup verification may be necessary. Soil sampling must be conducted in accordance with 40 CFR 761, Subpart N. If necessary, based on site characterization sampling and analysis data for the areas described in the cited sections of the LFR October 2009 cleanup plan, soil cleanup and cleanup verification sampling may need to be conducted. Soil cleanup and cleanup verification sampling must be conducted in accordance with 40 CFR 761, Subpart O and 40 CFR 761.61(a)(6). The soil cleanup level for PCBs at the Aspire school site is 0.13 mg/kg. Done

6. SAP, Section 2.4 (Sampling Equipment Decontamination). Decontamination of sampling equipment, movable equipment, and tools must be done in accordance with 40 CFR 761.79(c)(2) as required in Condition 3 of USEPA's November 13, 2009. The buckets of the movable equipment was swabbed with a towels containing hexane. The decontamination materials were disposed of along with the PCB affected soil that was transported to Waste Management's Kettleman Hills Landfill.

7. SAP, Section 2.4.2 (Management of Investigation Derived Wastes. LFR must follow the requirements in Condition 5 of USEPA's November 13, 2009 approval letter for offsite disposal of all wastes containing PCBs, including among others, soils exceeding the PCB cleanup level of 0.13 mg/kg. Soil excavated from areas of the Site where soil samples contained PCBs at concentrations greater than 50 mg/kg was transported to Waste Management's Kettleman Hills Landfill as "Bulk PCB Remediation Waste". Soil excavated from areas of the Site where soil samples contained PCBs at concentrations less than 50 mg/kg was transported as "Bulk PCB Remediation Waste" to Republic Services Vaso Road Landfill. The building demolition debris including the concrete slab was also transported as Bulk PCB Remediation Waste to Republic Services Keller Canyon Landfill located in Pittsburg, CA.

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Please let me know if you have any questions concerning the matters addressed in this message.

Sincerely,

Carmen D. Santos, Project Manager  
RCRA Corrective Action Office  
Waste Management Division  
USEPA Region 9  
415.972.3360  
fax: 415.947.3533



## Trestler, Lauren

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**From:** Goloubow, Ron  
**Sent:** Friday, August 13, 2010 5:15 PM  
**To:** 'Santos.Carmen@epamail.epa.gov'; Khatri, Paresh, Env. Health; Wilson.Patrick@epamail.epa.gov  
**Cc:** Charles Robitaille; Mike Barr; 'Steph Wilson'; Gibbs, Alan; Goldberg Day, Amy; Henricksen, Dolores; Goloubow, Ron  
**Subject:** Aspire Oakland - TSCA Self-Implementing Report

Dear all - the report documenting the Implementation of the Toxic Substances Control Act Self-Implementing Cleanup Notification at the Former Pacific Electric Motors Facility, 1009 66th Avenue Oakland, California has been prepared. Since the file is 13MB it has been uploaded on to an ARCADIS FTP site. The instructions to access the file on the ARCADIS FTP site are provided below. The file has also been uploaded to the Alameda County FTP site. A hard copy of the report is being sent to Carmen Santos via U.S. Mail. If anyone else would like a "hard copy" please let me know.

Thanks  
Ron.

Please use Internet Explorer to go to <http://filetransfer.arcadis-us.com/thinclient/> and log in with the following credentials:

**Username:** arcadisftp

**Password:** Tr4nsf3R

Then click "**From ARCADIS**" and look for the folder named: **Aspire Oakland TSCA Report**

This document will be available for 30 days. If you have any trouble, please let me know.

Ron Goloubow, PG | Senior Associate Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)

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## Trestler, Lauren

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**From:** Goloubow, Ron  
**Sent:** Friday, September 03, 2010 6:45 PM  
**To:** 'Santos.Carmen@epamail.epa.gov'; Wilson.Patrick@epamail.epa.gov  
**Cc:** 'Charles Robitaille'; Gibbs, Alan; Goloubow, Ron  
**Subject:** FW: Aspire - EPA TSCA Document Review  
**Attachments:** FIG6 PCBs in soil wCutFill.pdf; FIG7 July 2010 CUT FILL (1).pdf

Carmen - attached are the requested figures for the Aspire project that are to replace existing figures 6 and 7 that were included in the report that was transmitted to you on August 13, 2010. As requested these figures illustrate the areas of the site that will be "cut" and "filled" as part to the redevelopment – construction project. The figures also provide the analytical results for soil samples that are considered "in-place" after the removal action for PCB-affected soil was completed. You will see the email below from Charles Robitaille regarding the review schedule for this TSCA Report.

Lets discuss this project again on Tuesday, September 7<sup>th</sup> at 11:00 AM, if you are available.

Have a good weekend.

Ron.

**Ron Goloubow, PG** | Senior Associate Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)

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**From:** Charles Robitaille [<mailto:charles@pacificcharter.org>]  
**Sent:** Friday, September 03, 2010 2:22 PM  
**To:** Goloubow, Ron  
**Cc:** Gibbs, Alan  
**Subject:** RE: Aspire - EPA TSCA Review

Ron,

We're really running out of time since there is a grading moratorium in Oakland commencing 10/15-4/15 (6 months). September 17 is too late. I need to be pushing significant dirt around by the third week of September and I have to allow for mobilization of by contractor and other "stuff". I need her comments ASAP.

Charles P. Robitaille  
Senior Project Manager  
Pacific Charter School Development  
2350 El Camino Avenue  
Sacramento, California 95821-5689  
925-698-1118 - Cell



916-941-2477 - Facsimile  
[charles@pacificcharter.org](mailto:charles@pacificcharter.org)  
[www.pacificcharter.org](http://www.pacificcharter.org)

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## Trestler, Lauren

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**From:** Goloubow, Ron  
**Sent:** Wednesday, September 15, 2010 7:00 PM  
**To:** 'Santos.Carmen@epamail.epa.gov'; Wilson.Patrick@epamail.epa.gov; Khatri, Paresh, Env. Health  
**Cc:** Charles Robitaille; Gibbs, Alan; Goldberg Day, Amy; Goloubow, Ron  
**Subject:** Aspire Oakland - TSCA Encapsulation-Sep10-EM009155  
**Attachments:** let-TSCA Encapsulation-Sep10-EM009155.pdf

The attached letter provides the scope of work that we discussed last week with respect to excavating and encapsulating some surficial soil that was identified as containing PCBs at concentrations greater than the 0.130 mg/kg clean-up goal for the project. Please contact me at your earliest convenience if you have any questions or need any more information.

Ron.



## Trestler, Lauren

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**From:** Goloubow, Ron  
**Sent:** Friday, June 24, 2011 9:45 PM  
**To:** Santos.Carmen@epamail.epa.gov  
**Cc:** brad.kettelle@blackwellconstruction.com; hjones@icsinc.tv; michael@pacificcharter.org  
**Subject:** RE: Aspire School Oakland - Sample Plan for Imported - Landscaped Soil  
**Attachments:** let-Sample Plan Import Soil June 2011-EM009155.pdf

This version of the sampling plan includes the collection and analysis of ONE duplicate soil sample as requested by EPA...

**Ron Goloubow, PG** | Principal Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)

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**From:** [Santos.Carmen@epamail.epa.gov](mailto:Santos.Carmen@epamail.epa.gov) [<mailto:Santos.Carmen@epamail.epa.gov>]  
**Sent:** Friday, June 24, 2011 6:31 PM  
**To:** Goloubow, Ron  
**Cc:** [brad.kettelle@blackwellconstruction.com](mailto:brad.kettelle@blackwellconstruction.com); [hjones@icsinc.tv](mailto:hjones@icsinc.tv); [michael@pacificcharter.org](mailto:michael@pacificcharter.org)  
**Subject:** Re: Aspire School Oakland - Sample Plan for Imported - Landscaped Soil

Hello Ron:

Thank you for your sending me the sampling plan for the imported soils. In response to your previous message concerning the duplicate samples, one duplicate samples should be collected. I believe that our criteria for duplicate samples is either 1 duplicate for every 1 to 10 or 1 to 20 samples that are collected.

I will review the plan that you just sent me and will get back to you early next week.

Thank you for your courtesies and have a great evening.

Sincerely,  
Carmen

Carmen D. Santos, PCB Coordinator  
RCRA Corrective Action Office  
Waste Management Division  
USEPA Region 9  
415.972.3360  
[santos.carmen@epa.gov](mailto:santos.carmen@epa.gov)

"Failure is simply the opportunity  
to begin again, this time more  
intelligently." Henry Ford

-----"Goloubow, Ron" <[Ron.Goloubow@arcadis-us.com](mailto:Ron.Goloubow@arcadis-us.com)> wrote: -----

To: Carmen Santos/R9/USEPA/US@EPA  
From: "Goloubow, Ron" <[Ron.Goloubow@arcadis-us.com](mailto:Ron.Goloubow@arcadis-us.com)>  
Date: 06/24/2011 05:51PM  
Cc: "[michael@pacificcharter.org](mailto:michael@pacificcharter.org)" <[michael@pacificcharter.org](mailto:michael@pacificcharter.org)>, 'Brad Kettelle' <[brad.kettelle@blackwellconstruction.com](mailto:brad.kettelle@blackwellconstruction.com)>, Howard Jones <[hjones@icsinc.tv](mailto:hjones@icsinc.tv)>  
Subject: Aspire School Oakland - Sample Plan for Imported - Landscaped Soil  
(See attached file: let-Sample Plan Import Soil June 2011-EM009155.pdf)



Carmen – as requested the sampling plan for soil to be imported to the site for use in the landscaped areas is attached. This version of the sampling plan takes into account your comments transmitted on June 22, 2011. We will provide the analytical results for the samples as they become available. Currently, the sampling is NOT scheduled. Please contact me should you have any questions or need any more information.

Ron.

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## Trestler, Lauren

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**From:** Goloubow, Ron  
**Sent:** Friday, March 16, 2012 5:06 PM  
**To:** Santos.Carmen@epamail.epa.gov  
**Subject:** RE: PCBs: Aspire School Site, 66th Avenue, Oakland, California - Request for a Revised PCB Cleanup Completion Report

Hi Carmen - just to be clear...

ARCADIS is preparing a **SEPARATE-ADDENDUM** to the report entitled "Implementation of the Toxic Substances Control Act Self-Implementing Cleanup Notification at the Former Pacific Electric Motors Facility, 1009 66th Avenue, Oakland, California" dated August 12, 2011 (the "Implementation Report"). The **SEPARATE-ADDENDUM** will document the remedial activities that took place at the site AFTER ARCADIS submitted a Implementation Report. The "**SEPARATE-ADDENDUM**" will document/include the following:

- **Additional Remedial Actions Conducted at the Site after the Submittal of the Implementation Report (encapsulation of soil that needed to be excavated for the redevelopment project)**
- **Revised Health Risk Screening Calculations (to include confirmation soil samples collected from the areas that needed to be excavated for the redevelopment project) and the requests from Dr. Wilson.**
- **Mitigation Measures- Revised TSCA Cap**
- **Imported Soil for Landscaped Areas (new soil data for imported soil)**

The Figures requested in the email dated 10-28-2011 will be included.

The waste disposal information (manifests and a summary of the volumes) were included in Appendix B of the Implementation Report. Since no additional soil was removed from the site thus this data – information will NOT be re-issued.

Does EPA want the laboratory lab certificates-reports on a CD or paper copies? Can you confirm that EPA wants laboratory lab certificates-reports for soil samples that failed and passed the clean up criteria?

ARCADIS will include a table that summarizes the volume of soil excavated at each area including where the material disposed.

Will this work? Is this what USEPA was thinking-anticipating?

Please let me know.

**Ron Goloubow, PG** | Principal Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)

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---

**From:** Santos.Carmen@epamail.epa.gov [mailto:Santos.Carmen@epamail.epa.gov]  
**Sent:** Friday, October 28, 2011 11:28 AM  
**To:** Goloubow, Ron  
**Subject:** PCBs: Aspire School Site, 66th Avenue, Oakland, California - Request for a Revised PCB Cleanup Completion Report

Hello Ron:



You had sent us a document that was supposed to capture the PCB cleanup at the Aspire site in Oakland. However, after we had reviewed that document additional work including additional PCB cleanup was conducted that is not formally captured in any report. The following data gaps must be reconcile in a revised PCB Cleanup Completion Report.

1. Additional excavations conducted at the site to remove soil contaminated with PCBs above the cleanup level.
2. Consolidation at the Aspire site of certain soils contaminated with PCBs above the cleanup level,
3. All changes made to the cap, such as materials, thickness, and incorporation of landscaping areas,
4. Revised final risk calculations associated with residual PCB concentrations remaining at the site,
5. Figures depicting the areas where cleanup levels were achieved, where the cleanup levels were not achieved, and areas where soils contaminated with PCBs above the cleanup level were consolidated,
6. Figures depicting the final cap and showing construction details (e.g., materials and thickness of each layer) as well as landscape areas,
7. Figures depicting the redevelopment project in its final configuration,
8. Figures depicting survey coordinates for the location of soils beneath the cap containing PCBs above the cleanup level,
9. Waste disposal information (e.g., volumes of soil disposed of and facility to which it was sent for disposal, table summarizing Hazardous Waste Manifest and other waste transportation documentation for wastes containing PCBs at, above, and below 50 mg/kg),
10. Laboratory analytical data for PCB site characterization and cleanup verification samples, and
11. Confirmation of the source of fill used in landscape areas at the site in addition to the laboratory analysis data for such fill material.

I want to clarify in reference to the above data or information gaps that our approval of the PCB cleanup notification requires a PCB Cleanup Completion Report be submitted and the report is to contain information listed in the approval letter as well as the information in 40 CFR 761.61(a)(9). In addition, given the risk-based cleanup level established for the Aspire site, the report is to include any risk calculations associated with residual PCB concentrations remaining at the site. Based on conversations that we had with Dr. Patrick Wilson (EPA R9 Senior Toxicologist) and your toxicologist, the risk calculations may have been revised, however, these are not formally included in any report.

In light of the above, I am asking that a revised PCB Cleanup Report be submitted for our review that incorporates all the information required in EPA's approval letter, 40 CFR 761.61(a)(9), and that is responsive to the information data gaps described in this message.

Please let me know the date by which Aspire/Arcadis can submit the requested report to EPA for review.

Thank you for your courtesies and please call me if you have any questions concerning this message.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
RCRA Corrective Action Office (WST-5)  
Waste Management Division  
USEPA Region 9  
415.972.3360  
[santos.carmen@epa.gov](mailto:santos.carmen@epa.gov)

*"Think left and think right and think low and think high. Oh, the thinks you can think up if only you try!" Dr. Seuss*



## Trestler, Lauren

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**From:** Goloubow, Ron  
**Sent:** Friday, June 22, 2012 7:04 PM  
**To:** Santos.Carmen@epamail.epa.gov  
**Cc:** Hale, Alice  
**Subject:** Aspire Oakland  
**Attachments:** Deed Restriction Aspire Oakland - 66th Ave August 2011.doc

Carmen I received your voice mail today about the Aspire site in Oakland.

The summary report will be sent to you on or before Friday, June 29, 2012.

The text for the draft land use covenant is attached for your review.

You mentioned that a letter is being prepared by the county for this project. What was the subject for that letter?

Thanks for you patience .

Ron.

**Ron Goloubow, PG** | Principal Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)

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**Trestler, Lauren**

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**From:** Goloubow, Ron  
**Sent:** Friday, June 29, 2012 4:24 PM  
**To:** Santos.Carmen@epamail.epa.gov  
**Cc:** Kahlmus D. Eatman (kahlmus@pacificcharter.org); Mala Batra (Mala.Batra@aspirepublicschools.org); Hale, Alice  
**Subject:** Aspire Oakland - DRAFT Addendum - PCB Cleanup Completion Report  
**Attachments:** Figures 1-7.pdf; Attachment 4 PCB summary.pdf; DRAFT rpt-TSCA Implementation-June 2012-EM009155.doc

The DRAFT addendum to the PCB Cleanup Completion Report for the College for Certain (Aspire) project located at 1009 66th Avenue in Oakland, California is attached.

Specifically the text, figures, and the summary table for the PCB-affected soil (which is a portion of Attachment 4) are included.

The following are being sent to you via regular mail:

Paper copies of the Figures

a CD with the following attachments:

Attachment 1 - Laboratory Analytical Data for Soil Samples

Attachment 2 - Revised Human Health Risk Evaluation

Attachment 3 - Laboratory Analytical Data Report for Imported Soils

Attachment 4 - Waste Disposal Information the attachments, Manifests, laboratory reports

Following the EPA's review of the subject report, we plan on finalizing the report, along with the draft "Operation and Maintenance Plan for Cap Mitigation Measures" and Deed notice for the parcel previously transmitted for review.

Please contact me if you have any questions or need any more information.

Thanks Ron.





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION IX  
75 Hawthorne Street  
San Francisco, CA 94105

Via U.S. Postal Service and Electronic Mail  
Certified Mail Receipt No. 7000 0520 0021 6107 8407

November 13, 2009

Aspire Public Schools, a California  
non-profit public benefit corporation  
1001 22<sup>nd</sup> Avenue, Suite 100  
Oakland, CA 94606  
Attention: Mike Barr, CFO

**Re: Polychlorinated Biphenyls – U.S. EPA Conditional Approval Under 40 C.F.R. § 761.61(a), Toxic Substances Control Act - - *“Toxic Substances Control Act Self-Implementing Cleanup Notification and Certification Former Pacific Electric Motors Facility 1009 66<sup>th</sup> Avenue in Oakland, California”***

Dear Mr. Barr:

We have reviewed the *“Toxic Substances Control Act Self-Implementing Cleanup Notification and Certification Former Pacific Electric Motors Facility 1009 66<sup>th</sup> Avenue in Oakland, California,”* letter dated October 23, 2009 and prepared by LFR Inc. an Arcadis Company (LFR) for Aspire Public Schools (“Aspire”). The U.S. Environmental Protection Agency Region 9 (USEPA) is approving Aspire’s October 23, 2009 Notification with the conditions established in the attached *“USEPA Conditional Approval for Aspire Public Schools, 1009 66<sup>th</sup> Avenue, Oakland, CA PCB Self-Implementing On-Site Cleanup and Disposal of PCB Remediation Waste.”*

The LFR letter is intended to serve as the notification and certification (“Notification”) required in 40 C.F.R. § 761.61(a) of the Toxic Substances Control Act (TSCA) for a self-implementing on-site cleanup and disposal of polychlorinated biphenyls (PCBs) at the Aspire property at 1009 66<sup>th</sup> Avenue in Oakland. PCBs are present at the Aspire property (“Aspire site”) in soils and a potential exists for PCB-containing manufactured products to be present in structures to be demolished at the site. Aspire plans to redevelop the site as a public school for sixth to 12<sup>th</sup> grade students.

In addition, the Notification requests a “variance” to the schedule provided in 40 C.F.R. § 761.61(a)(3)(ii). USEPA is granting the requested waiver for the schedule in 40 C.F.R. § 761.61(a)(3)(i) in accordance with 40 C.F.R. § 761.61(a)(3)(iii) and in consideration of financial matters that Aspire claims if not resolved could prevent or further delay construction of the school. However, the owner of the property still needs to obtain a similar written waiver from the California Department of Toxic Substances Control (DTSC) and Alameda County Environmental Health (ACEH) in accordance with 40 C.F.R. § 761.61(a)(3)(iii) and maintain all waivers and other records in accordance with 40 C.F.R. § 761.61(a)(9).

While we recognize that, at an October 27, 2009 meeting with Charles Robitaille (Aspire Charter Schools) and LFR representatives (Aspire consultants), Aspire had sought a cleanup standard of 0.39 mg / kg (ppm), we have decided to approve a cleanup standard of 0.13 ppm, as specified in Condition 7 of

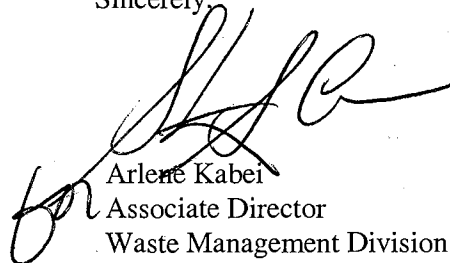


Aspire Public Schools  
Attn: Mike Barr, CFO  
November 13, 2009

the attached approval. This cleanup level is consistent with the levels approved by both ACEH and DTSC as being protective of human health, in that it meets the cleanup goal for PCBs in soils corresponding to a  $1 \times 10^{-6}$  risk level. This level is also consistent with the TSCA regulations in 40 C.F.R. § 761.61(a)(4)(v) and 761.61(a)(4)(vi).

We look forward to be of assistance to Aspire during implementation of the subject Notification as modified by the attached USEPA approval. Please call Carmen Santos at (415) 972-3360 if you have any questions concerning this approval.

Sincerely,



Arlene Kabei  
Associate Director  
Waste Management Division

Enclosure

Cc: Mark Malinowski, DTSC (Chief Schools Unit, Sacramento Office)  
Tom Booze, DTSC  
Paresh Khatri, Alameda County Environmental Health  
Charles Robitaille, Aspire Charter Schools  
Alan Gibbs, LFR Inc. an Arcadis Company  
Ron Goloubow, LFR Inc. an Arcadis Company  
Steve Armann, USEPA R9  
Patrick Wilson, USEPA R9  
Katherine Baylor, USEPA R9  
Carmen Santos, USEPA R9





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION IX  
75 Hawthorne Street  
San Francisco, CA 94105

November 13, 2009

**USEPA Conditional Approval for Aspire Public Schools, 1009 66<sup>th</sup> Avenue, Oakland, CA  
PCB Self-Implementing On-Site Cleanup and Disposal of PCB Remediation Waste**

*"Toxic Substances Control Act Self-Implementing Cleanup Notification and Certification Former Pacific Electric Motors Facility 1009 66<sup>th</sup> Avenue in Oakland, California," letter dated October 23, 2009 and prepared by LFR an Arcadis Company (LFR) for Aspire Public Schools ("Aspire").*

The U.S. Environmental Protection Agency Region 9 (USEPA) is approving with conditions the Aspire October 23, 2009 Notification and Certification ("Notification"). The Notification is required by 40 C.F.R. § 761.61(a) of the Toxic Substances Control Act (TSCA) for a self-implementing on-site cleanup and disposal of polychlorinated biphenyls (PCBs), 40 C.F.R. § 761.61(a), at the Aspire property at 1009 66<sup>th</sup> Avenue in Oakland. Aspire must implement the terms of the Notification, as modified by the conditions of approval.

This conditional approval does not relieve the owner of the property from complying with all other applicable federal, state, and local regulations and permits. Departure from the approval conditions without prior written permission from USEPA may result in the commencement of proceedings to revoke this approval, and/or an enforcement action. Nothing in this approval bars USEPA from imposing penalties for violations of this approval or for violations caused by other activities not covered under the terms of this approval that trigger TSCA PCB requirements.

**USEPA Conditions of Approval**

- 1. Written, signed certification by owner of Aspire property and party conducting cleanup.** The Notification includes an incomplete, unsigned certification. Within two (2) days after the date of this approval, Aspire must submit a revised written, signed Certification including the language under "Certification" in 40 C.F.R. § 761.3 and in 40 C.F.R. § 761.61(a)(3)(i)(E). Both the owner of the Aspire property and the party conducting the cleanup must sign the Certification.
- 2. Pre-demolition survey.** As discussed with Aspire on October 27, 2009, Aspire shall conduct a survey and sampling of building materials in structures currently at the site to determine if PCBs are present. We understand that structures at the site were built in 1946. Considering the production period of PCB-containing materials, it is likely that building materials in structures at the site may contain PCBs. Also see Condition 3 below. In addition, the compressor, underground pipelines, and transformer present at the site shall be tested for PCBs.
- 3. Sampling and analysis plan.** This sampling plan is to address pre-demolition and pre-cleanup sampling activities as well as post-demolition sampling and PCB cleanup verification sampling. Within two (2) days after the date of this approval, Aspire must submit for USEPA approval a sampling and analysis plan (SAP) describing data quality objectives, sampling procedures, quality assurance / quality



control procedures for sample collection, number of samples to be collected, sample preservation, and chain-of-custody for sample delivery to the analytical laboratory. The SAP must identify the analytical laboratory performing analysis of the samples. In addition, the SAP must include decontamination procedures for movable equipment, tools, and sampling equipment in accordance with 40 C.F.R. § 761.79(c)(2). Aspire must obtain USEPA's written approval of the SAP before beginning sampling activities.

The SAP must include the procedures that Aspire will use to characterize building materials for PCBs in structures currently present at the site and planned for demolition before beginning school construction. Aspire shall follow the requirements in 40 C.F.R. Part 761, Subpart R ("Sampling Non-liquid, Non-Metal PCB Bulk Product Waste for Purposes of Characterization for PCB Disposal in Accordance with 40 C.F.R. § 761.62, and Sampling PCB Remediation Waste Destined for Off-Site Disposal, in Accordance with 40 C.F.R. § 761.61") for sampling of building materials to determine their PCB concentration for disposal.

**4. Sequence of pre-cleanup PCB soil characterization; pre-demolition sampling (building materials); soil remediation; and soil cleanup verification.** We understand that except for certain areas in the northwestern portion of the site, most of the site is paved. Current paving materials will be removed and all above ground structures demolished. The site will be completely bare prior to construction of the school. Within five (5) days after the date of this approval, Aspire shall propose the sequence that Aspire will follow for pre-cleanup PCB soil characterization, pre-demolition sampling, soil remediation, and soil cleanup verification to prevent recontamination of soils with PCBs if building materials in existing structures and underground structures (e.g., piping) contain PCBs.

**5. PCB remediation waste; PCB bulk product waste; cleanup wastes; and disposal requirements.** PCB remediation wastes and PCB bulk product wastes may be generated at the Aspire site during the PCB cleanup and demolition of structures (e.g., corrugated metal buildings) at the site. As the generator of such waste, Aspire must meet all applicable regulatory requirements for storage and offsite disposal in 40 C.F.R. § 761.61(a)(5) (Site Cleanup) and 761.62 (Disposal of PCB Bulk Product Waste). It is also acceptable to dispose of PCB remediation waste in accordance with 40 C.F.R. §§ 761.60 and 761.70. PCBs are a hazardous waste in California. Aspire must ensure that off-site disposal of PCB wastes also meet all applicable and relevant state and local regulatory requirements. Within five (5) days after the date of this approval, provide to USEPA the EPA identification number which confirms that Aspire has an USEPA identification number to manage the PCB wastes.

- *Bulk PCB remediation wastes (e.g., PCB-contaminated soil, PCB-contaminated concrete).* Disposal requirements for bulk PCB remediation waste with PCB concentration less than 50 ppm and equal to or above 50 ppm are contained in 40 C.F.R. §§ 761.61(a)(5)(i)(B)(2)(ii) and 761.61(a)(5)(i)(B)(2)(iii), respectively. Further, the generator must provide written notice to the disposal site of the wastes being shipped for disposal in accordance with 40 C.F.R. § 761.61(a)(5)(i)(B)(2)(iv).



- *Non-porous (e.g., metal) surfaces.* Non-porous surfaces contaminated with PCBs due to spills of liquid PCBs or the migration of PCBs from a manufactured product applied to these surfaces are bulk PCB remediation wastes. Dispose of these wastes offsite in accordance with 40 C.F.R. § 761.61(a)(5)(ii)(B).
- *Porous (e.g., concrete, metal coated with a porous surface) surfaces.* Porous surfaces contaminated with PCBs due to spills of liquid PCBs or the migration of PCBs from a product applied to these surfaces are bulk PCB remediation wastes. Dispose of these wastes offsite in accordance with 40 C.F.R. § 761.61(a)(5)(i).
- *Liquids (e.g., water).* Water contaminated with PCBs at the site (e.g., water generated during excavation of soils due to shallow ground water conditions) must be disposed offsite in accordance with 40 C.F.R. § 761.61(a)(5)(iv) if the PCB concentration in the water is above the applicable standard in 40 C.F.R. § 761.79(b)(1).
- *PCB bulk product waste.* This waste is defined in 40 C.F.R. § 761.3 and disposal requirements are in 40 C.F.R. § 761.62. This waste category includes materials manufactured with PCBs where the PCB concentration in these materials at the time of designation for disposal is  $\geq 50$  ppm.
- *Cleanup wastes (e.g., non-liquid cleanup materials, personal protective equipment).* Dispose of these wastes in accordance with 40 C.F.R. § 761.61(a)(5)(v).

**6. Measures to prevent exposure of neighboring community to airborne particulates.** In the “Air Monitoring” section of the Notification, Aspire proposes to conduct real-time airborne monitoring for particulates during activities likely to generate dust such as excavation of contaminated soils. This monitoring is proposed in the context of worker health and safety. However, such monitoring shall be expanded to include airborne particulate monitoring to determine if the neighboring community is being exposed to air particulates from the site during dust generating activities including building demolition. Within five (5) days after the date of this approval, submit for review the measures that Aspire will implement (including air monitoring) to prevent exposure of neighboring communities to airborne particulates.

In addition, Aspire shall notify neighboring communities of the soil excavation and building demolition activities to be conducted at the site before beginning such activities.

**7. Cleanup levels.** Aspire plans on redeveloping the site into a public school, which is a high occupancy area. In 40 C.F.R. § 761.61(a)(4)(vi), USEPA requires a PCB cleanup level for high occupancy areas of  $\leq 1$  mg / kg (ppm) PCBs. In accordance with 40 C.F.R. § 761.61(a)(4)(vi), USEPA has the authority to specify cleanup levels that are more stringent than  $\leq 1$  ppm PCBs. USEPA is approving a cleanup level of 0.13 mg / kg (ppm) for PCBs in soils. The DTSC School Program and Alameda County Environmental Health (ACEH) had approved this PCB cleanup level for the Aspire



school site that is the subject of this conditional approval. Refer to the ACEH March 12, 2009 letter to Aspire, which is attached to the cover letter. It is also our understanding that DTSC considers cumulative health risks when addressing school sites with multiple contaminants. The Aspire site has multiple contaminants in soils and ground water.

**8. Cap (protective barrier).** USEPA requires that a cap be installed at the Aspire proposed school site in accordance with the requirements in 40 C.F.R. § 761.61(a)(7). Please note that Aspire has acquired a property to construct the proposed school that has a long history (1946 – 2008) of industrial activity during which PCB releases occurred at the site. A possibility exists for PCB congeners (i.e., weathered PCB Aroclors that are dioxin-like PCB compounds) to be present at the site due to historic PCB releases. A cap will prevent direct exposure to soils containing these compounds.

In addition, USEPA was not involved with any of the investigations so far conducted at the site prior to Aspire's October 23, 2009 Notification to USEPA. PCB contaminated soils may remain at the site due to potential uncertainties in the characterization and remediation of PCB-contaminated soils at the site; and shallow ground water conditions potentially impacting site characterization and remediation. A potential may also exist for future changes at the school grounds where penetration of barriers (e.g., concrete, asphalt surfaces) preventing exposure to onsite soils may be necessary (e.g., repair of utilities).

**9. Risk management plan and deed notice.** The regulations in 40 C.F.R. § 761.61(a)(4)(i)(A) do not require further restrictions such as a deed notice when the  $\leq 1$  ppm PCB cleanup level for high occupancy is verified as achieved via confirmatory sampling. However, USEPA believes that in addition to Conditions 7 and 8 a risk management plan would be an institutional control protective of children at the future Aspire school.

USEPA is approving the 0.13 ppm PCB soil cleanup level for the Aspire site under the condition that (1) site soils are overlain with asphalt, concrete, and / or other cap (protective barrier) that impedes direct exposure to on-site soils and (2) a deed notice that includes a risk management plan be recorded in accordance with California state law.

Within 30 days after completion of the PCB cleanup, Aspire shall submit for USEPA approval a risk management plan that at a minimum includes:

- A survey of the Aspire property and map clearly depicting all areas where PCBs were encountered and remediated,
- A description of specific activities to be prohibited at the school because of their potential to penetrate protective barriers (e.g., asphalt, concrete) that would expose onsite soils,
- A description of how the teachers, administrators, and staff at the school will be notified of the specific activities which are prohibited at the school because of their potential to penetrate protective barriers (e.g., asphalt, concrete) that would expose onsite soils and
- The conditions under which penetration or alteration of protective barriers is permitted and the contingencies that must be implemented to prevent exposure to onsite soils.



U.S. EPA Conditional Approval for Aspire Public Schools  
1009 66<sup>th</sup> Avenue, Oakland, CA  
PCB Self-Implementing On-Site Cleanup and Disposal of PCB Remediation Waste  
November 13, 2009

Within 60 days after completing the PCB cleanup at the Aspire site, pursuant to 40 C.F.R. § 761.61(a)(8), Aspire shall record in accordance with California state law, a notation on the deed to the property, or on some other instrument which is normally examined during a title search, that will in perpetuity notify any potential purchaser of the property ( 1 ) That the land has been used for PCB remediation waste disposal and specific activities are prohibited as described in the risk management plan described above; ( 2 ) Of the existence of the cap (protective barriers) and the requirement to maintain the protective barriers in perpetuity; and ( 3 ) The applicable cleanup levels left at the site, under the cap; and ( 4 ) the procedure by which USEPA will be notified of penetrations or alterations of the required cap. In addition, Aspire must submit to USEPA a certification signed by the owner certifying the required deed was recorded.

**10. Recordkeeping and PCB cleanup report.** The owner of the property must keep records of the PCB cleanup including any cleanup conducted prior to the date of this approval that involved the removal of PCBs from the site. All reports currently available that document PCB cleanup at the site are incorporated herein as part of the Aspire October 23, 2009 Notification. In accordance with 40 C.F.R. § 761.61(a)(9), the owner of the property must keep cleanup records as required in 40 C.F.R. § 761.125(c)(5).

Submit for approval a PCB cleanup report within 30 days after completing the PCB cleanup (including removal and disposal of PCB remediation and bulk product waste). The report must contain all supporting sample analysis results documenting achievement of the PCB cleanup level, data summaries, waste disposal, and all the information required in 40 C.F.R. § 761.125(c)(5).

**11. Restoration of the site.** After achieving the PCB cleanup level, site restoration shall be done consistent with local and California State regulatory requirements as well as in accordance with the requirements in ACEH's March 12, 2009 letter approving the LFR CAP. The PCB soil cleanup level for the Aspire site is 0.13 ppm. The PCB concentration in the backfill material should not exceed this PCB soil cleanup level.



## Trestler, Lauren

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**From:** Santos.Carmen@epamail.epa.gov  
**Sent:** Friday, November 13, 2009 5:51 PM  
**To:** Goloubow, Ron; Gibbs, Alan; charles@pacificcharter.org  
**Cc:** Armann.Steve@epa.gov; Wilson.Patrick@epamail.epa.gov  
**Subject:** PCBs: USEPA Conditional Approval of Aspire's Notification - 1009 66th Avenue, Oakland, CA  
**Attachments:** 11\_13\_2009\_Aspire\_USEPA\_Approval\_PDF\_BW\_1S735.pdf

Greetings, Ron:

Attached is USEPA's letter conditionally approving Aspire's Notification. The original hard copy is being mailed to the property owner and all the recipients of this message.

We received a sampling plan and a revised, signed Certification via Ron Goloubow. This message acknowledges receipt of these documents. The Certification needs to be signed by both the party conducting the cleanup and the owner of the property as required in 40 CFR 761.61(a)(3)(i)(E). The Certification sent by Ron via e-mail message to us only has the owner's signature and it is therefore incomplete. Please resubmit the Certification signed by both the owner (Aspire) and the party conducting the cleanup (LFR Inc.) as required in the cited regulation.

I take this opportunity to answer Ron Goloubow's and Alan Gibbs' question concerning collection of soil cleanup verification samples at the bottom of the excavation areas if ground water enters the excavations. Soil cleanup verification samples must be collected at the bottom of the excavation areas. The laboratory preparation and analysis of these moist soil samples should be conducted in a manner that facilitates analysis of the soils for PCB Aroclors using USEPA Method 8082. Analysis of ground water entering the excavation areas should be conducted without filtering the ground water samples.

Thank you. Please call me if you have any questions concerning the attached conditional approval.

Sincerely,

Carmen D. Santos, Project Manager  
RCRA Corrective Action Office  
Waste Management Division  
USEPA Region 9  
415.972.3360  
fax: 415.947.3533



## Trestler, Lauren

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**To:** Goloubow, Ron  
**Subject:** RE: PCBs: Aspire School Site in Oakland, California - Conditional Approval of SAP and LFR's November 18, 2009 Letter

From: [Santos.Carmen@epamail.epa.gov](mailto:Santos.Carmen@epamail.epa.gov) [<mailto:Santos.Carmen@epamail.epa.gov>]

Sent: Wednesday, November 25, 2009 10:30 AM

To: Goloubow, Ron

Cc: [wilson.patrick@epa.gov](mailto:wilson.patrick@epa.gov); [santos.carmen@epa.gov](mailto:santos.carmen@epa.gov)

Subject: PCBs: Aspire School Site in Oakland, California - Conditional Approval of SAP and LFR's November 18, 2009 Letter

Importance: High

Dear Ron Goloubow:

Thank you for submitting the November 18, 2009 letter concerning USEPA's November 13, 2009 conditions of approval for the *"Toxic Substances Control Act Self-Implementing Cleanup Notification and Certification Former Pacific Electric Motors Facility 1009 66th Avenue in Oakland, California"* (prepared by LFR Inc. for Aspire and dated October 23, 2009) and the *"Sampling and Analysis Plan (SAP) For the Former Pacific Electric Motors Facility 1009 66th Avenue, Oakland, California November 2009, Prepared under notification requirements of 40 CFR 761.61(a)(3)."* We have reviewed both documents, which are attached below. This message addresses clarifications on these documents and USEPA's conditional approval of LFR's Soil Sampling Plan.

### A. LFR Inc. November 18, 2009 Letter

*Ambient air monitoring for PCB Aroclors in dust at the perimeter of the site.* I will consult next week with my colleagues on the perimeter air sampling that LFR has proposed to meet Condition 6 of USEPA's November 13, 2009 approval letter and will get back to LFR on this issue during the week of November 30, 2009. In the meantime, I have some comments regarding the NIOSH method proposed in LFR's November 18, 2009 letter. The NIOSH Method 5503 states that precision of the method has not been evaluated, accuracy of the method has not been determined, range not studied, and for bias, the method indicates that none has been identified. Perhaps other analytical methods could be considered to meet the purpose of Condition 6. In a separate message I am asking some clarifications on the miniRam.

*Building Materials Sampling Plan.* Decontamination of sampling equipment and tools must be in accordance with 40 CFR 761.79(c)(2) as required in approval Condition 3 of USEPA's November 13, 2009 approval letter.

*Deed Notice.* As required in approval Condition 9 of USEPA's November 13, 2009 approval letter, the owner of the property is to submit a written, signed certification to USEPA certifying the required deed notice was recorded in accordance with state law.

*Certification required under 40 CFR 761.61(a)(3)(i)(E).* The revised written, signed certification meets the requirements of USEPA's conditional approval letter.

### B. LFR's November 2009 Soil Sampling Plan - Conditional Approval

The following are the conditions of approval for *"Sampling and Analysis Plan (SAP) For the Former Pacific Electric Motors Facility 1009 66th Avenue, Oakland, California November 2009, Prepared under notification requirements of 40 CFR 761.61(a)(3)."*

1. *SAP, Soil cleanup verification sampling.* Verification of soil cleanup must be conducted in accordance with 40 CFR 761.61(a)(6) and 40 CFR 761, Subpart O. Refer to the requirements in these regulations. If



verification sampling shows that soils are still above the 0.13 cleanup level, soils must be excavated until the cleanup level is achieved as demonstrated through cleanup verification sampling (see 40 CFR 761.61(a)(6)).

2. SAP, Sections 1.1 (Summary information), 1.3 (Target Excavation Levels), 2.2 (Excavation Confirmation Soil Sampling Procedure). As acknowledged in LFR's November 18, 2009 letter, the soil cleanup level for the self implementing cleanup of PCBs at the Aspire site in Oakland is 0.13 mg/kg (ppm) and not 0.39 mg/kg. The soil cleanup level in the LFR Sampling Plan is revised accordingly to reflect the soil cleanup level specified in USEPA's November 13, 2009 conditional approval letter.

3. SAP, Section 2.2 (Excavation Confirmation Soil Sampling Procedure). This section states:

"Collect soil samples from the bottom of the excavation on an approximate 30 foot by 30 foot grid, at least one bottom sample will be collected from each excavation." and

"Confirmation soil samples from either the floor or sidewalls that contain 0.39 mg/kg PCB or less shall be a confirmation that high-level PCB soils have been removed. Confirmation soil samples that contain greater than 0.39 mg/kg PCB shall be an indication that the specific grid needs further excavation in order to remove the PCB affected soil from the affected area."

The soil cleanup level referred to in the above cited paragraphs from Section 2.2 of the SAP is changed herein to 0.13 mg/kg (ppm), consistent with USEPA's November 13, 2009 approval letter. Please refer to Item B.1 ("SAP, Soil cleanup verification sampling") above.

4. LFR's November 23, 2009 electronic mail message. As agreed on November 23, 2009, LFR will collect six additional soil cleanup verification samples for PCB analysis only from the locations depicted in "blue highlighter" in the attached LFR map. These six soil cleanup verification samples are incorporated herein by reference into LFR's November 2009 SAP and such SAP is the subject of this conditional approval. LFR will also analyze for PCBs soil cleanup confirmation samples that will be collected around the perimeter of the polygon outlined in red and shown in the attached LFR map. LFR is collecting soil samples every 25 feet along the perimeter of this red-outlined polygon area. These samples are Such samples will also be analyzed with other constituents of concern identified at the site. These soil cleanup verification samples are incorporated herein by reference into LFR's November 2009 SAP and such SAP is the subject of this conditional approval. Although not discussed with LFR on November 23, 2009, PCB excavation areas (e.g., PCB Excavation Area 2) outside of the red-outlined "polygon area" should also be reviewed in similar manner as PCB Excavation Area 3 and the polygon area to determine if additional soil cleanup verification samples are necessary in light of the 0.13 mg/kg cleanup level for PCBs. The detection limit for areas showing that PCBs were not detected should be reviewed to ensure the PCB detection limit used in the sample analysis is below the PCB cleanup level.

5. "Additional Soil Sampling" and "Rationale for Additional Soil Sampling" sections in LFR's October 23, 2009 Self Implementing Cleanup Plan. These sections of the self implementing cleanup plan include additional soil characterization samples to be collected in certain areas (e.g., steam sump, beneath and around sewer lines, beneath and around the compressor area) at the Aspire site. These sections of the cleanup plan are incorporated herein by reference into LFR's November 2009 SAP and such SAP is the subject of this conditional approval. Depending on the sampling and analysis results, soil cleanup and cleanup verification may be necessary. Soil sampling must be conducted in accordance with 40 CFR 761, Subpart N. If necessary, based on site characterization sampling and analysis data for the areas described in the cited sections of the LFR October 2009 cleanup plan, soil cleanup and cleanup verification sampling may need to be conducted. Soil cleanup and cleanup verification sampling must be conducted in accordance with 40 CFR 761, Subpart O and 40 CFR 761.61(a)(6). The soil cleanup level for PCBs at the Aspire school site is 0.13 mg/kg.

6. SAP, Section 2.4 (Sampling Equipment Decontamination). Decontamination of sampling equipment, movable equipment, and tools must be done in accordance with 40 CFR 761.79(c)(2) as required in Condition 3 of USEPA's November 13, 2009.



7. SAP, Section 2.4.2 (Management of Investigation Derived Wastes). LFR must follow the requirements in Condition 5 of USEPA's November 13, 2009 approval letter for offsite disposal of all wastes containing PCBs, including among others, soils exceeding the PCB cleanup level of 0.13 mg/kg.

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Please let me know if you have any questions concerning the matters addressed in this message.

Sincerely,

Carmen D. Santos, Project Manager  
RCRA Corrective Action Office  
Waste Management Division  
USEPA Region 9  
415.972.3360  
fax: 415.947.3533





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

75 Hawthorne Street  
San Francisco, CA 94105

Via U.S. Postal Service and Electronic Mail

June 16, 2011

Mr. Mike Barr  
College for Certain, LLC - Aspire Public Schools  
Chief Financial Officer  
1001 22<sup>nd</sup> Avenue, Suite 100  
Oakland, CA 94606

**Re: Aspire Public School, 1009 66<sup>th</sup> Avenue, Oakland, California – USEPA November 13, 2009 Approval of Polychlorinated Biphenyls' Cleanup Notification Under Toxic Substances Control Act – New Request for Additional Cap Modification**

Dear Mr. Barr:

This letter responds to Ron Goloubow's (Arcadis) April 25, 2011 letter<sup>1</sup> requesting on behalf of College for Certain, LLC additional modifications to the cap for soils contaminated with polychlorinated biphenyls (PCBs) required under the Toxic Substances Control Act (TSCA) regulations in 40 CFR 761.61(a)(7). On November 13, 2009, the U.S. Environmental Protection Agency, Region 9 (USEPA) approved with conditions the October 23, 2009 "*Toxic Substances Control Act Self-Implementing Cleanup Notification and Certification Former Pacific Electric Motors Facility 1009 66<sup>th</sup> Avenue in Oakland, California*" (Notification) prepared by Arcadis for Aspire Public Schools. That approval under 40 CFR 761.61(a) (self-implementing PCB cleanup) requires a cap be constructed at the entire Aspire site consistent with the requirements in 40 CFR 761.61(a)(7) for a concrete cap. Such a cap is required to be 6 inches thick.

In the attached letter, Arcadis is proposing an alternate cap design for the entire site-wide cap and excluding those areas of the cap where rat slabs will be constructed for the school's modular buildings. USEPA's April 5, 2011 approved the rat slab design that Arcadis had proposed in March 2011 and such design also modified the site-wide cap. The rat slab is a portion of the site-wide cap that USEPA required in its November 13, 2009 conditional approval of the October 23, 2009 Notification for the Aspire school site.

The additional cap modifications proposed in the attached Arcadis' April 25, 2011 letter and described in Figure 2 (Proposed Pavement Plan) of that letter differ from the cap requirements in 40

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<sup>1</sup> Letter from Ron Goloubow (Arcadis) dated April 25, 2011 (Subject: "Proposed Toxic Substances Control (TSCA) Cap for Pavement Areas – Former Pacific Motors Facility, 1009 66<sup>th</sup> Avenue, Oakland, California") to Carmen Santos (USEPA Region 9).



Mike Barr  
Re: Aspire Public Schools – Cap Modification and  
Modification of USEPA's November 13, 2009 Approval Letter  
Date: June 16, 2011

CFR 761.61(a)(7) and include landscape areas. Figure 2 also describes the soils that will be used to construct the proposed landscape areas; and those areas were not a feature of the original site-wide cap proposed in the October 2009 Notification consistent with the cap requirements in 40 CFR 761.61(a)(7).

We are approving the proposed design for the site-wide cap (excluding the already approved design for the rat slab areas) and landscape areas described in the attached Arcadis' letter under the TSCA regulations in 40 CFR 761.61(c) (risk-based cleanup option) with the conditions established below. This approval modifies the site-wide cap (excluding the rat slabs) required in Condition 8 of USEPA's November 13, 2009 conditional approval letter.

### **Conditions of Approval for Additional Site-Wide Cap Modifications**

**1. Imported Soil for Use at the Aspire Site.** Within 15 days after the date of this approval, please submit a summary of the sampling approach that Arcadis will use to collect samples of imported soils planned to be used at the Aspire site in the landscape areas and possibly at other areas of the site. This summary should also be submitted to the Alameda County Department of Environmental Health (ACDEH). The California Department of Toxic Substances Control (DTSC) "*Information Advisory Clean Imported Fill Material*," dated October 2001 or latest revision should be used as guidance in developing the required summary. PCBs in the imported soil must be below the site cleanup level of 0.13 mg/kg total PCBs as Aroclors. The levels of non-PCB contaminants must be below the criteria referenced in the Advisory as modified by recent criteria updates. Discrete soil samples must be collected instead of composite samples.

Within 10 days after Arcadis' receipt of the laboratory analytical results for the imported soil samples, please submit the laboratory analysis results to USEPA for review before imported soils are placed in the landscape areas designated in Figure 2 of the attached Arcadis' letter. This data must also be provided to ACDEH.

**2. Proposed Landscape Areas.** As described in the attached Arcadis' letter, the proposed landscape areas will consist of an 18-inch layer of cement-treated site soils (bottom layer), a 10-inch soil layer (middle layer) from soils excavated at the site during trenching, and a 12-inch layer (top layer) of imported soils. According to Arcadis, the bottom soil layer contains PCBs at concentrations below the site-specific cleanup level of 0.13 total PCBs as Aroclors. The 10-inch native soil layer proposed to be added above the 18-inch cement-treated soil layer must be replaced with imported soils that have been tested as required in Condition 1 above. This requirement is based on the fact that soils derived from trench excavations at the site that have not been tested for PCBs and other non-PCB contaminants are proposed for use in the 10-inch soil layer for the landscape areas. Edible plants, fruits, and vegetables should not be planted in the proposed landscape areas.



Mike Barr

Re: Aspire Public Schools – Cap Modification and  
Modification of USEPA's November 13, 2009 Approval Letter

Date: June 16, 2011

**3. Notification to Alameda County Department of Environmental Health (ACDEH).** The ACDEH must be notified of the proposed changes to the site-wide cap and inclusion of landscape areas in the cap design given the County's regulatory involvement with the Aspire site.

**4. Modified Site-Wide Cap.** Approval of the modified site-wide cap is only in context to the ability of such cap to prevent human and ecological exposures to PCB levels remaining at the site consistent with the cap requirements in USEPA's November 13, 2009 letter approving the Notification and the TSCA regulations. This approval does not cover structural issues related to the ability of the cap to properly support any estimated load(s) used in developing the cap design.

This approval does not modify Condition 9 in USEPA's November 13, 2009 letter conditionally approving Aspire's Notification. Condition 9 requires maintenance and repair of the cap in perpetuity and the requirements in that Condition are equivalent and consistent with the requirements in 40 CFR 761.61(a)(8).

We look forward to being of assistance to College for Certain, LLC during implementation of the work remaining in the Notification as modified by the conditions of approval; and to the construction of the site-wide cap as modified by the conditions of approval herein and in USEPA's April 5, 2011 approval letter. Please call Carmen Santos of my staff at 415.972.3360 if you have any questions concerning this letter.

Sincerely,



*for* Jeff Scott, Director  
Waste Management Division

Enclosures (1)

Cc: Ron Goloubow, Arcadis  
Michael Rueda, Pacific Charter School Development  
Paresh Khatri, Alameda County Environmental Health  
Arlene Kabei, USEPA R9  
Steve Armann, USEPA R9  
Carmen Santos, USEPA R9





*Infrastructure, environment, buildings*

Ms. Carmen Santos

*sent via email only*

U.S. Environmental Protection Agency, Region 9

Mail Code WST-5

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Environmental

**Subject:**

Proposed Toxic Substance Control Act (TSCA) Cap for Pavement Areas –  
Former Pacific Electric Motors Facility, 1009 66th Avenue, Oakland, California

**Date:**

April 25, 2011

Dear Ms. Santos:

**Contact:**

Ron Goloubow

**Phone:**

510.596.9550

**E-mail:**

[ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)

**Our ref:**

EM009155.0010.00001

On behalf of College for Certain, LLC (CFC), ARCADIS U.S., Inc. (ARCADIS) has prepared this letter to provide the revised details regarding the design of the Toxic Substance Control Act (TSCA) Cap for pavement and landscaped areas to be installed at 1009 66th Avenue in Oakland, California ("the Site"; Figures 1, and 2). The purpose of the cap is to prevent human and ecological exposure to any soil that may contain polychlorinated biphenyls (PCBs) at concentrations greater than the site specific clean-up goal of 0.135 milligrams per kilogram. As we have discussed, PCB-affected soil that might remain at the Site would likely be located within the interval of the cement treated soil. Depended upon the pavement and landscaping design provided below, that soil would be covered by a minimum of 6 to 13 inches of cap material (see pavement details on Figure 2).

**Proposed Pavement Design**

The details regarding the proposed pavement design for the Site is illustrated on Figure 2. As illustrated there are six different designs for pavement thicknesses depended upon the specific traffic - Site use in the area.

The proposed TSCA Cap designs will be comprised as follows (from the bottom up to the ground surface):

Imagine the result



**Trash Enclosure Area**

- Native soil
- 18 - Inches of cement treated native soil
- 6 - Inches of imported aggregate base rock and
- 6 - Inches of Portland cement concrete

**Pedestrian Walkway Areas - Concrete**

- Native soil
- 18 - Inches of cement treated native soil
- 4 - Inches of imported aggregate base rock and
- 4 - Inches of Portland cement concrete

**Vehicle Traffic Areas**

- Native soil
- 18 - Inches of cement treated native soil
- 10 - Inches of imported aggregate base rock and
- 3 - Inches of asphalt concrete

**Parking Areas**

- Native soil
- 18 - Inches of cement treated native soil
- 8 - Inches of imported aggregate base rock and
- 2.5 - Inches of asphalt concrete



**Pedestrian Walkway Areas - Asphalt**

- Native soil
- 18 - Inches of cement treated native soil
- 4- Inches of imported aggregate base rock and
- 2- Inches of asphalt concrete

**Landscaped Areas**

- Native soil
- 18 - Inches of cement treated native soil
- 10- Inches of native soil
- 12- Inches of imported top soil

**Closing**

Blackwell Construction (on behalf of CFC) is in the process of installing the modular (re-locatable) buildings. The next phase of the construction project at the Site will be to install the "hard-scape" that will include the asphalt and concrete pavement area described above.



**ARCADIS**

**Ms. Carmen Santos**  
April 25, 2011

ARCADIS will contact representatives of U.S. EPA on Monday, May 2, 2011 to determine if the design provided in this letter is acceptable. We at ARCADIS appreciate working with you and your team and look forward to bringing this project to closure with the U.S. EPA in the near future.

Sincerely,

ARCADIS U.S., Inc.

A handwritten signature in black ink, appearing to read 'R. Goloubow', written over a horizontal line.

Ron Goloubow, P. G.  
Principal Geologist

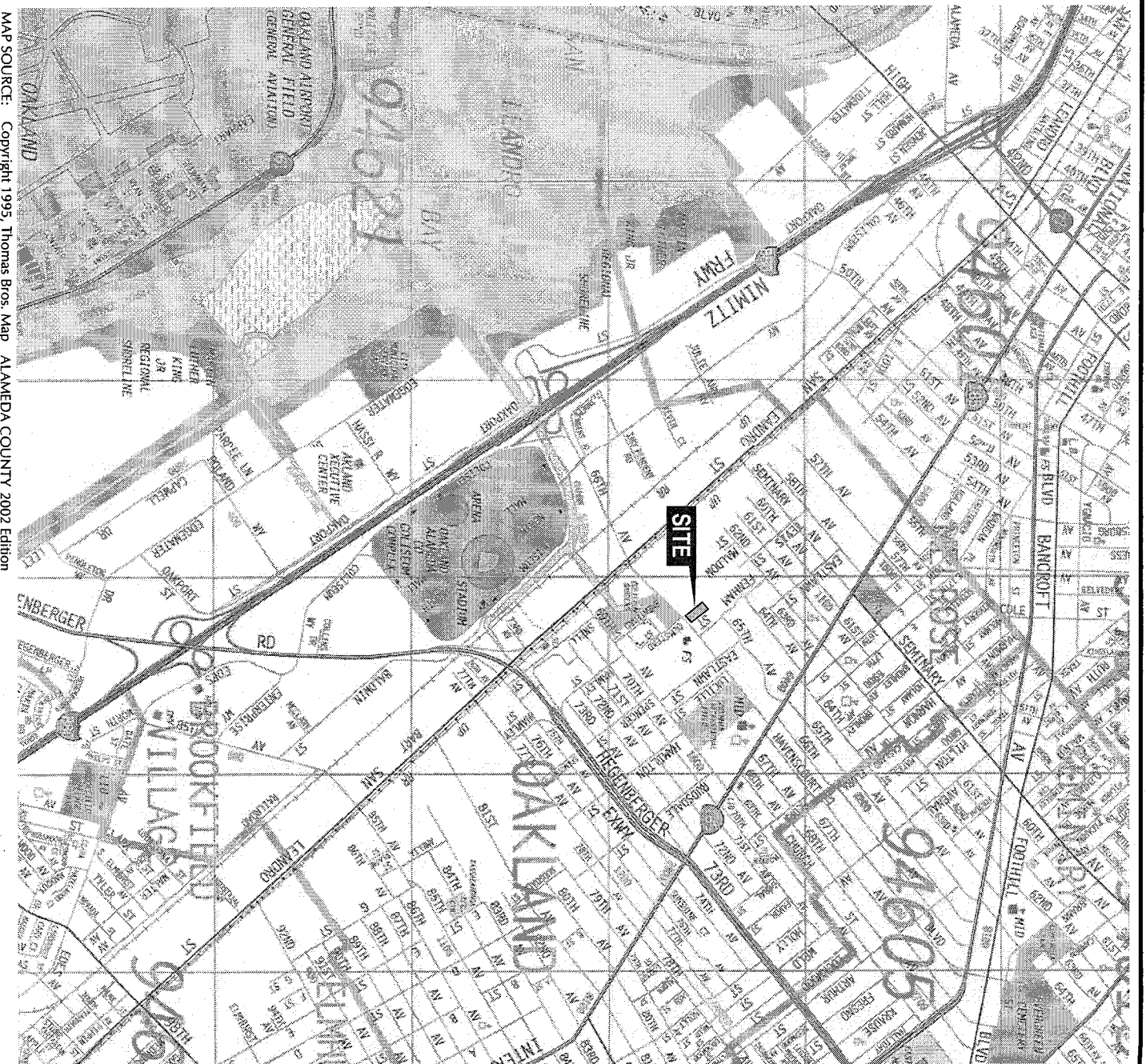
**Copies:**

Mike Rueda – Pacific Charter Schools  
Brad Kettle – Blackwell Construction

**Enclosures:**

Figure 1 – Site Vicinity Map  
Figure 2 – Proposed Pavement Plan





MAP SOURCE: Copyright 1995, Thomas Bros. Map ALAMEDA COUNTY 2002 Edition

1009 66TH AVENUE, OAKLAND, CALIFORNIA

## SITE VICINITY MAP

 **ARCADIS**

FIGURE  
**1**







## Trestler, Lauren

---

**From:** Santos.Carmen@epamail.epa.gov  
**Sent:** Tuesday, November 27, 2012 4:44 PM  
**To:** Goloubow, Ron  
**Subject:** RE: Aspire School - Oakland, CA - Deed Notice and Operation and Maintenance Plan

Hello Ron:

I am still working on your project. I was out most of last week and the week before that I was very sick. All that resulted in a setback of my reviews of the different Aspire documents. I feel terrible about that set back and I am trying my best to get your project wrapped up from our end.

Toward the end of this week I will give you another update.

Thank you for your patience.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
RCRA Corrective Action Office (WST-5)  
Waste Management Division  
USEPA Region 9  
415.972.3360  
[santos.carmen@epa.gov](mailto:santos.carmen@epa.gov)

*"Think left and think right and think low and think high. Oh, the thinks you can think up if only you try!" Dr. Seuss*

\*\*\*\*\*

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**From:** "Goloubow, Ron" <[Ron.Goloubow@arcadis-us.com](mailto:Ron.Goloubow@arcadis-us.com)>  
**To:** Carmen Santos/R9/USEPA/US@EPA,  
**Date:** 11/27/2012 07:07 AM  
**Subject:** RE: Aspire School - Oakland, CA - Deed Notice and Operation and Maintenance Plan

---

Any update???

Ron Goloubow, PG | Principal Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)  
ARCADIS U.S., Inc. | 2000 Powell Street, Suite 700 | Emeryville, CA 94608  
T. 510.596.9550 | M. 510.501.1789 | F. 510.652.4906  
[www.arcadis-us.com](http://www.arcadis-us.com)

**From:** Goloubow, Ron  
**Sent:** Wednesday, October 24, 2012 2:40 PM  
**To:** 'Carmen Santos'  
**Subject:** FW: Aspire School - Oakland, CA - Deed Notice and Operation and Maintenance Plan



Ron Goloubow, PG | Principal Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)  
ARCADIS U.S., Inc. | 2000 Powell Street, Suite 700 | Emeryville, CA 94608  
T. 510.596.9550 | M. 510.501.1789 | F. 510.652.4906  
[www.arcadis-us.com](http://www.arcadis-us.com)

**From:** Goloubow, Ron

**Sent:** Friday, October 28, 2011 9:45 AM

**To:** [Santos.Carmen@epamail.epa.gov](mailto:Santos.Carmen@epamail.epa.gov); [paresh.khatri@acgov.org](mailto:paresh.khatri@acgov.org)

**Cc:** 'Kahlmus Eatman'; [ramiro@pacificcharter.org](mailto:ramiro@pacificcharter.org); 'Mala Batra'

**Subject:** Aspire School - Oakland, CA - Deed Notice and Operation and Maintenance Plan

Dear Carmen & Paresh.

The draft deed notice and operation and maintenance plan for the subject site is attached for your review. Following your review of these documents we would like to finalize and record these documents. Please contact me with regard to your schedule for reviewing the attached materials so that we can plan accordingly.

Ron.

Ron Goloubow, PG | Principal Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)  
ARCADIS U.S., Inc. | 2000 Powell Street, Suite 700 | Emeryville, CA 94608  
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## Trestler, Lauren

---

**From:** Santos.Carmen@epamail.epa.gov  
**Sent:** Thursday, December 06, 2012 2:27 PM  
**To:** Goloubow, Ron  
**Subject:** PCBs: Aspire Site in Oakland, California - Files in CD ROM cannot be read

Hello Ron:

The information that you included in the CD ROM containing the attachments to the June 29, 2012 Addendum Report cannot be read. Please send the attachments in a new CD ROM and via US Postal Service mail. We are trying to complete the review of the Aspire remediation and risk assessment and cannot because the documents that were uploaded into the CD ROM cannot be read.

Thank you for your courtesies. I look forward to receiving a new CD ROM and hard copies of the attachments via US Postal Service.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
RCRA Corrective Action Office (WST-5)  
Waste Management Division  
USEPA Region 9  
415.972.3360  
[santos.carmen@epa.gov](mailto:santos.carmen@epa.gov)

*"Think left and think right and think low and think high. Oh, the things you can think up if only you try!" Dr. Seuss*

\*\*\*\*\*

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## Trestler, Lauren

---

**From:** Santos.Carmen@epamail.epa.gov  
**Sent:** Monday, December 10, 2012 8:04 PM  
**To:** Goloubow, Ron  
**Cc:** Wilson.Patrick@epamail.epa.gov  
**Subject:** PCBs: Aspire School Site, Oakland, CA - USEPA Comments on Addendum Report and Other Documents  
**Attachments:** EPA ASPIRE PUBLIC SCHOOLS MANIFESTS THREE.pdf; Environmental Restriction Template.doc

Hello Ron:

Below are my comments on several documents that you submitted for review. We discussed many of these comments during our conference call on December 7, 2012. Please make revisions responsive to the comments and consistent with the December 7, 2012 conference call.

Please send us a CD-ROM containing the appendices or attachments to the Addendum since the original CD-Rom appears to be defective.

In reference to the O&M Plan, given the significance of the matters covered in Sections 4. through 8. of that plan, please schedule a conference call to go over those sections of the plan. After that future call, I may have additional comments on the O&M Plan. For now, comments on the O&M Plan are included in comments 14 through 19.

### **Addendum Report (PCB cleanup report)**

#### **Pages 2 to 3, Last bullet ("Revised figures showing: . . .")**

1. Addendum. The sub-bullet under the Last bullet states that "Areas where cleanup levels were achieved, where the cleanup levels were not achieved and where soils contaminated with PCBs above the cleanup level were encapsulated. . . ." The sub-bullet should be expanded to clarify that "encapsulated" soils are beneath the cap and the depth at which the "encapsulated" soils are located beneath the cap.
2. Addendum. Figure 3 ("System Plan Showing Pavement Plan / Cap In-Place Soil Exceeding PCB Cleanup Goals"). We were under the understanding that Arcadis had agreed to excavate and consolidate in the W1-SDWall 2' and W2-SDWall 2' area all the soils that exceeded the cleanup level at the site. Please clarify if that approach was followed. If a different approach was followed the Report should be revised to explain how soils above the PCB cleanup level was handled. Comparison of Figure 3 to the table ("Post-Demolition Surface Soil Samples") on page 3 indicates that except for PD-1, PD-2, and PD-6, the remaining data in that table is not included in Figure 3. Is Figure 3 supposed to show the PCB concentrations summarized in the table found in page 3? Please clarify. In addition, if all soils containing PCBs above the cleanup level were consolidated in the W1-SDWall 2' and W2-SDWall 2' area, or consolidated in another area in addition to the W1 and W2 areas, or left in place in addition to been consolidated in a specific area then Figure 3 should include clarification notes addressing this matter. Please revise the text of the Report and Figures in response to this comment.
3. Addendum. The Report states in page 3 that "An area measuring approximately 10 feet long by 10 feet wide by 2 feet below grade was excavated at each of three locations (PD-3, PD-4, and PD-5; see Figure 3)." However, the locations PD-3 through PD-5 are not depicted in Figure 3. In addition, the Report does not state whether the soils removed from PD-3 through PD-5 were disposed offsite or consolidated onsite. Please clarify the fate of the soils excavated from PD-3 through PD-5 and PD-1, PD-2, and PD-6.

#### **Pages 9 to 10 of the Report:**

4. Addendum. What is the in-situ PCB concentration for soils in EXC-PCB2, EXC-PCB3, EXC-PCB4, and EXC4? In addition, please also confirm the concentration of PCBs in soils from EXC4 that were mixed with soils from the other excavations. According to the report the soil was stockpiled and sampled for PCBs to determine the PCB concentration for disposal. And the soils were disposed of at the Republic Services Keller Canyon Landfill which is a construction debris landfill. The in-situ concentration and not the concentration of PCBs in the stockpiled soils should had been used to



determine the disposal method and facility as required in the regulations. Also, according to the report, EXC4 soils contained PCBs above 50 mg/kg. Please revise the Report to address the needed clarifications.

5. Addendum. The Report states that copies of manifest numbers: 005417521JJK, 005417522JJK, and 005417534JJK have not been received from Kettlemann. USEPA requested that Kettleman provide copies of those manifests. Attached are the pdf files containing that information.

6. Addendum. What was the PCB concentration in concrete and other debris consolidated at the site and disposed of at the Republic Services' Keller Canyon Landfill? Was the concentration of PCBs in each of the different materials (e.g., wood, concrete) below 50 mg/kg total PCBs?

7. Addendum. Nomenclature for sample identification codes is inconsistent within the Report and the Figures in the Report. These inconsistencies need to be reconciled.

8. Addendum. Soil Disposal Summary. Please review the table and text in reference to the disposal summary and clarify the waste classifications. For instance, PCB remediation waste with PCB concentrations above the cleanup level is being regulated by TSCA for disposal. The difference is in the disposal options based on PCB concentration. 50 ppm and higher, disposal in TSCA or RCRA/TSCA landfill. less than 50 ppm, disposal in TSCA, RCRA/TSCA, municipal solid waste, or construction debris landfill. California regulates PCBs at 50 ppm and higher as a hazardous waste.

#### **Page 5, Revised health risk screening calculations**

9. Addendum. The report should explain the meaning of the estimated risk in context to the mitigation measures (e.g., cap) applied to the site to mitigate health risks. The protectiveness of the mitigation measures should be explained in context to the risk reduction that they provide.

#### **Figures**

10. Addendum. All figures must be revised to accurately depict the actual PCB residual concentrations and location of those concentrations at the site and actual areas where soils contaminated with PCBs above the cleanup level were consolidated. The figures must also be revised to accurately depict all sampling areas; and sample identification codes for samples representing remaining residual PCB concentrations at the site.

\*\*\*\*\*

#### **Soil Management Plan (SMP)**

11. SMP. General comment. The soil management plan must be revised to reflect final conditions at the site and to be consistent with the final PCB cleanup report.

12. SMP. Section 4. Soil Remediation. The second paragraph in Section 4: "The most likely location for affected soil to be encountered during redevelopment activities is along the property boundary at the northwestern portion of excavation PCB3 and the property boundary at the northeastern portion of excavation EXC4." This paragraph is inconsistent with Figure 3 of the Addendum Report and must be revised.

13. SMP. The plan must be revised to include actions that will be taken to properly manage soils containing PCBs during post- redevelopment activities, such as during repairs to the cap and repairs to below ground utilities.

\*\*\*\*\*

#### **Draft Operation and Maintenance Plan for Cap Mitigation Measures (O&M Plan)**

14. Cap O&M Plan. General comment. The Cap O&M Plan must be revised to accurately capture current conditions at the site and the final cap as described in the Addendum Report. The Cap O&M Plan, Addendum Report, Soil



Management Plan, and Restricted Covenant should be accurate and the information presented not conflict among these documents. Figures presented in all these documents must present consistent and accurate data.

15. Cap O&M Plan. The cap is to be maintained in perpetuity.

16. Cap O&M Plan. Section 1.2.2 (Self-Implementing Cleanup Plan), Paragraph 6. The information presented in this paragraph is incomplete. Based on Figure 3 in the Addendum Report, PCBs above the cleanup level were left in place at several locations in addition to the W1-WSDWall 2' and W2-WSDWall 2' areas.

17. Cap O&M Plan. A restrictive covenant has been prepared for EPA review and not a deed notification.

18. Cap O&M Plan. Section 4.1 (Periodic Inspections). Please describe the training that will be given to school staff proposed to conduct inspections of the cap and provide the qualifications of such personnel to conduct the cap inspections and repairs.

19. Please propose a convenient time for a conference call to discuss Section 4. (O&M Inspections), Section 5. (Intrusive Work Activities, Section 6. (Reporting and Recordkeeping), Section 7. (Site Access), and Section 8. (Variance, Modification, or Termination of O&M Plan).

\*\*\*\*\*

### **Covenant and Environmental Restriction on 1009 66th Avenue, Oakland, California**

20. Covenant. EPA should be a beneficiary and not a covenantee under the Covenant. Attached is an example template of a restrictive covenant for your use in revising the restrictive covenant for the Aspire site. A restrictive covenant is necessary for the site to ensure the cap is monitored, maintained, and repaired in perpetuity; and that proper procedures are in place for protection of human health and the environment in case the cap is breached to conduct post redevelopment activities such as repairs to underground utilities.

21. Covenant. The information in the covenant needs to be updated to reflect completion of the final PCB remedy at the site and revised cleanup completion reports..

22. Covenant. In addition to referencing several documents in the covenant such as the Soil Management Plan, Operation and Maintenance Plan for the Cap, and Addendum Report, we recommend the following information be included in applicable articles of the covenant:

- Full description and survey coordinates for the cap.
- Figure depicting accurate location and survey coordinates for cleanup verification samples that exceed the cleanup level; and location of consolidated soils containing PCBs. The current figures are not accurate and do not depict all locations where residual PCB concentrations above the cleanup level remain at the site. The exhibits to the covenant need to be revised to reflect accurate information. For example, the "Lands of College for Certain, LLC PCB Encapsulated Area" does not include all areas at the site where PCBs in soils exceed the cleanup level.
- Additional figures as necessary.
- Text explaining the cap must be operated, maintained, and repaired in perpetuity. Modifications to the cap require EPA approval before making the modifications.
- Land use or zoning for the Aspire property.
- Post-redevelopment management of soils that contain PCBs.
- Cap monitoring (or inspection), maintenance, and repair activities including frequency of inspections and schedules for inspections and repairs. Revised cap inspection form.
- In case that a residential redevelopment is decided in the future to be built in the area of the Aspire school, additional soil cleanup may be necessary.
- Management of soils and contingencies when replacing vegetation (e.g., plants, shrubs, trees) in the planters.
- Revised legal descriptions including Parcel 1, Parcel 2, and the PCB Encapsulated Area.



•

23. Covenant. The revised covenant should undergo legal review before resubmitting the document for EPA review.

•

\*\*\*\*\*

Please let me know if you have any questions concerning the above comments.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
RCRA Corrective Action Office (WST-5)  
Waste Management Division  
USEPA Region 9  
415.972.3360  
[santos.carmen@epa.gov](mailto:santos.carmen@epa.gov)

*"Think left and think right and think low and think high. Oh, the thinks you can think up if only you try!" Dr. Seuss*

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## Trestler, Lauren

---

**From:** Santos.Carmen@epamail.epa.gov  
**Sent:** Thursday, January 31, 2013 2:47 PM  
**To:** Khatri, Paresh, Env. Health  
**Cc:** Goloubow, Ron  
**Subject:** Fw: PCBs: Aspire School Site, Oakland, CA - USEPA Comments on Addendum Report and Other Documents  
**Attachments:** EPA ASPIRE PUBLIC SCHOOLS MANIFESTS THREE.pdf; Environmental Restriction Template.doc

Hello Paresh:

I hope 2013 is going well for you so far.

This message is to update you on EPA's next steps regarding the Aspire School site in Oakland. We reviewed the report and the deed restriction. The message attached below contains our comments on the Addendum Report that Arcadis had sent to us for review. Ron Goloubow will be sending a redline/strike out revised draft Addendum Report by the end of next week to us. We hope that all issues associated with the report and any related to the deed restrictions are resolved by the end of March 2013. We have a

We still need to receive a revised deed restriction that meets our requirements. EPA would be a third party beneficiary. Do you know if the Alameda County Environmental Health will be the Covenantee on the Aspire deed restriction? Please let me know. Thank you.

Please call me if you have any questions concerning this message.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
RCRA Corrective Action Office (WST-5)  
Waste Management Division  
USEPA Region 9  
415.972.3360  
[santos.carmen@epa.gov](mailto:santos.carmen@epa.gov)

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----- Forwarded by Carmen Santos/R9/USEPA/US on 01/31/2013 11:21 AM -----

**From:** Carmen Santos/R9/USEPA/US  
**To:** Ron.Goloubow@arcadis-us.com,  
**Cc:** Patrick Wilson/R9/USEPA/US@EPA  
**Date:** 12/10/2012 05:03 PM  
**Subject:** PCBs: Aspire School Site, Oakland, CA - USEPA Comments on Addendum Report and Other Documents

---

Hello Ron:

Below are my comments on several documents that you submitted for review. We discussed many of these comments during our conference call on December 7, 2012. Please make revisions responsive to the comments and consistent with



the December 7, 2012 conference call.

Please send us a CD-ROM containing the appendices or attachments to the Addendum since the original CD-Rom appears to be defective.

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#### **Page 5, Revised health risk screening calculations**

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\*\*\*\*\*

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\*\*\*\*\*

#### **Draft Operation and Maintenance Plan for Cap Mitigation Measures (O&M Plan)**

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19. Please propose a convenient time for a conference call to discuss Section 4. (O&M Inspections), Section 5. (Intrusive



Work Activities, Section 6. (Reporting and Recordkeeping), Section 7. (Site Access), and Section 8. (Variance, Modification, or Termination of O&M Plan).

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22. Covenant. In addition to referencing several documents in the covenant such as the Soil Management Plan, Operation and Maintenance Plan for the Cap, and Addendum Report, we recommend the following information be included in applicable articles of the covenant:

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- Figure depicting accurate location and survey coordinates for cleanup verification samples that exceed the cleanup level; and location of consolidated soils containing PCBs. The current figures are not accurate and do not depict all locations where residual PCB concentrations above the cleanup level remain at the site. The exhibits to the covenant need to be revised to reflect accurate information. For example, the "Lands of College for Certain, LLC PCB Encapsulated Area" does not include all areas at the site where PCBs in soils exceed the cleanup level.
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- Text explaining the cap must be operated, maintained, and repaired in perpetuity. Modifications to the cap require EPA approval before making the modifications.
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Please let me know if you have any questions concerning the above comments.

Sincerely,  
Carmen

Carmen D. Santos



PCB Coordinator  
RCRA Corrective Action Office (WST-5)  
Waste Management Division  
USEPA Region 9  
415.972.3360  
[santos.carmen@epa.gov](mailto:santos.carmen@epa.gov)

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**Trestler, Lauren**

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**From:** SANTOS, CARMEN <Santos.Carmen@epa.gov>  
**Sent:** Tuesday, March 05, 2013 2:14 PM  
**To:** Goloubow, Ron  
**Subject:** RE: PCBs: Aspire School Site, Oakland, CA - USEPA Comments on Addendum Report and Other Documents

Hello Ron:

Thank you for sending the revised PCB cleanup completion report. I started to review it. Are the attachments larger than 25 MBs? I am working from home today and do not have the CD ROM here. Would you be able to send any attachments that I may need? Please let me know.

In addition, would you be interested in an example of a land use covenant for a site where a cap was constructed to cover PCB contaminated soils? For the Aspire site we have required a land use covenant. Please let me know if interested and I will send you the most recent example of a land use covenant for a California site involving caps for PCB contaminated soils.

Thank you for your patience and courtesies.

Regards,  
Carmen

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
Waste Management Division  
75 Hawthorne Street  
San Francisco, CA 94105  
Voice: 415.972.3360  
santos.carmen@epa.gov

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**From:** Goloubow, Ron [mailto:Ron.Goloubow@arcadis-us.com]  
**Sent:** Friday, March 01, 2013 12:34 PM  
**To:** SANTOS, CARMEN  
**Subject:** RE: PCBs: Aspire School Site, Oakland, CA - USEPA Comments on Addendum Report and Other Documents



Carmen I have completed the revisions to the addendum report. I am moving on to the soil management plan and operation plan. If you would like to review the revised text of the report; it is attached...

Ron Goloubow, PG | Principal Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)

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T. 510.596.9550 | M. 510.501.1789 | F. 510.652.4906  
[www.arcadis-us.com](http://www.arcadis-us.com)

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**Sent:** Monday, December 10, 2012 5:04 PM

**To:** Goloubow, Ron

**Cc:** [Wilson.Patrick@epamail.epa.gov](mailto:Wilson.Patrick@epamail.epa.gov)

**Subject:** PCBs: Aspire School Site, Oakland, CA - USEPA Comments on Addendum Report and Other Documents

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Please send us a CD-ROM containing the appendices or attachments to the Addendum since the original CD-Rom appears to be defective.

In reference to the O&M Plan, given the significance of the matters covered in Sections 4. through 8. of that plan, please schedule a conference call to go over those sections of the plan. After that future call, I may have additional comments on the O&M Plan. For now, comments on the O&M Plan are included in comments 14 through 19.

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##### **Pages 2 to 3, Last bullet ("Revised figures showing: . . .")**

1. Addendum. The sub-bullet under the Last bullet states that "Areas where cleanup levels were achieved, where the cleanup levels were not achieved and where soils contaminated with PCBs above the cleanup level were encapsulated. . . ." The sub-bullet should be expanded to clarify that "encapsulated" soils are beneath the cap and the depth at which the "encapsulated" soils are located beneath the cap.
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##### **Pages 9 to 10 of the Report:**

4. Addendum. What is the in-situ PCB concentration for soils in EXC-PCB2, EXC-PCB3, EXC-PCB4, and EXC4? In



addition, please also confirm the concentration of PCBs in soils from EXC4 that were mixed with soils from the other excavations. According to the report the soil was stockpiled and sampled for PCBs to determine the PCB concentration for disposal. And the soils were disposed of at the Republic Services Keller Canyon Landfill which is a construction debris landfill. The in-situ concentration and not the concentration of PCBs in the stockpiled soils should have been used to determine the disposal method and facility as required in the regulations. Also, according to the report, EXC4 soils contained PCBs above 50 mg/kg. Please revise the Report to address the needed clarifications.

5. Addendum. The Report states that copies of manifest numbers: 005417521JJK, 005417522JJK, and 005417534JJK have not been received from Kettleman. USEPA requested that Kettleman provide copies of those manifests. Attached are the pdf files containing that information.

6. Addendum. What was the PCB concentration in concrete and other debris consolidated at the site and disposed of at the Republic Services' Keller Canyon Landfill? Was the concentration of PCBs in each of the different materials (e.g., wood, concrete) below 50 mg/kg total PCBs?

7. Addendum. Nomenclature for sample identification codes is inconsistent within the Report and the Figures in the Report. These inconsistencies need to be reconciled.

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#### **Page 5, Revised health risk screening calculations**

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#### **Figures**

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## Trestler, Lauren

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**From:** SANTOS, CARMEN <Santos.Carmen@epa.gov>  
**Sent:** Tuesday, March 12, 2013 5:40 PM  
**To:** Goloubow, Ron  
**Subject:** RE: PCBs: Aspire School Site, Oakland, CA - USEPA Comments on Addendum Report and Other Documents

Hello Ron:

Thank you for sending the Revised Addendum Report, I really appreciate it and will be reviewing it next week.

Attached is an example of the land use covenant recorded for a property where PCBs were left in place and a cap installed to cover the PCB contaminated soils.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
Waste Management Division  
75 Hawthorne Street  
San Francisco, CA 94105  
Voice: 415.972.3360  
santos.carmen@epa.gov

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Ron Goloubow, PG | Principal Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)



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USEPA Region 9  
415.972.3360  
[santos.carmen@epa.gov](mailto:santos.carmen@epa.gov)

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## Trestler, Lauren

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**From:** SANTOS, CARMEN <Santos.Carmen@epa.gov>  
**Sent:** Tuesday, March 12, 2013 8:14 PM  
**To:** Goloubow, Ron  
**Subject:** RE: PCBs: Aspire School Site, Oakland, CA - USEPA Comments on Addendum Report and Other Documents

Hello Ron:

I cannot complete my review without having all the revised appendices to the revised addendum report. Can you please send all the revised figures and other attachments. I would like to close out this project this month if possible.

Thank you for your courtesies and patience.

Sincerely,

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
Waste Management Division  
75 Hawthorne Street  
San Francisco, CA 94105  
Voice: 415.972.3360  
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**Sent:** Friday, March 01, 2013 12:34 PM  
**To:** SANTOS, CARMEN  
**Subject:** RE: PCBs: Aspire School Site, Oakland, CA - USEPA Comments on Addendum Report and Other Documents

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**Ron Goloubow, PG** | Principal Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)

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T. 510.596.9550 | M. 510.501.1789 | F. 510.652.4906  
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**Sent:** Monday, December 10, 2012 5:04 PM

**To:** Goloubow, Ron

**Cc:** [Wilson.Patrick@epamail.epa.gov](mailto:Wilson.Patrick@epamail.epa.gov)

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19. Please propose a convenient time for a conference call to discuss Section 4. (O&M Inspections), Section 5. (Intrusive Work Activities, Section 6. (Reporting and Recordkeeping), Section 7. (Site Access), and Section 8. (Variance, Modification, or Termination of O&M Plan).

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20. Covenant. EPA should be a beneficiary and not a covenantee under the Covenant. Attached is an example template of a restrictive covenant for your use in revising the restrictive covenant for the Aspire site. A restrictive covenant is necessary for the site to ensure the cap is monitored, maintained, and repaired in perpetuity; and that proper procedures are in place for protection of human health and the environment in case the cap is breached to conduct post redevelopment activities such as repairs to underground utilities.

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22. Covenant. In addition to referencing several documents in the covenant such as the Soil Management Plan, Operation and Maintenance Plan for the Cap, and Addendum Report, we recommend the following information be included in applicable articles of the covenant:

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- Figure depicting accurate location and survey coordinates for cleanup verification samples that exceed the cleanup level; and location of consolidated soils containing PCBs. The current figures are not accurate and do not depict all locations where residual PCB concentrations above the cleanup level remain at the site. The exhibits to the covenant need to be revised to reflect accurate information. For example, the "Lands of College for Certain, LLC PCB Encapsulated Area" does not include all areas at the site where PCBs in soils exceed the cleanup level.
- Additional figures as necessary.
- Text explaining the cap must be operated, maintained, and repaired in perpetuity. Modifications to the cap require EPA approval before making the modifications.
- Land use or zoning for the Aspire property.
- Post-redevelopment management of soils that contain PCBs.
- Cap monitoring (or inspection), maintenance, and repair activities including frequency of inspections and schedules for inspections and repairs. Revised cap inspection form.
- In case that a residential redevelopment is decided in the future to be built in the area of the Aspire school, additional soil cleanup may be necessary.
- Management of soils and contingencies when replacing vegetation (e.g., plants, shrubs, trees) in the planters.
- Revised legal descriptions including Parcel 1, Parcel 2, and the PCB Encapsulated Area.
- 

23. Covenant. The revised covenant should undergo legal review before resubmitting the document for EPA review.

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Please let me know if you have any questions concerning the above comments.



Sincerely,  
Carmen

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PCB Coordinator  
RCRA Corrective Action Office (WST-5)  
Waste Management Division  
USEPA Region 9  
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## Trestler, Lauren

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**From:** SANTOS, CARMEN <Santos.Carmen@epa.gov>  
**Sent:** Tuesday, March 12, 2013 8:25 PM  
**To:** Goloubow, Ron  
**Subject:** FW: PCBs: Aspire School Site, Oakland, CA - USEPA Comments on Addendum Report and Other Documents  
**Attachments:** LUC Submittal Ltr to USEPA 2-14-13.pdf

Hello Ron:

Attached is an example of a recorded land use covenant involving a site where PCB contaminated soils were left in place and covered with a cap. Please let me know if you have any questions concerning the attached information.

Thank you for your courtesies and patience.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
Waste Management Division  
75 Hawthorne Street  
San Francisco, CA 94105  
Voice: 415.972.3360  
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**From:** SANTOS, CARMEN  
**Sent:** Tuesday, March 12, 2013 2:40 PM  
**To:** 'Goloubow, Ron'  
**Subject:** RE: PCBs: Aspire School Site, Oakland, CA - USEPA Comments on Addendum Report and Other Documents

Hello Ron:

Thank you for sending the Revised Addendum Report, I really appreciate it and will be reviewing it next week.



Attached is an example of the land use covenant recorded for a property where PCBs were left in place and a cap installed to cover the PCB contaminated soils.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
Waste Management Division  
75 Hawthorne Street  
San Francisco, CA 94105  
Voice: 415.972.3360  
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**Sent:** Friday, March 01, 2013 12:34 PM  
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**Ron Goloubow, PG** | Principal Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)  
**ARCADIS U.S., Inc.** | 2000 Powell Street, Suite 700 | Emeryville, CA 94608  
T. 510.596.9550 | M. 510.501.1789 | F. 510.652.4906  
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## Trestler, Lauren

---

**From:** Santos.Carmen <Santos.Carmen@epa.gov>  
**Sent:** Thursday, March 21, 2013 2:26 PM  
**To:** Goloubow, Ron  
**Subject:** PCBs: Aspire School Site in Oakland

Hello Ron:

Please send me the contact information for whom we should send the letter approving the cleanup completion report. By tomorrow I will let you know if no further modifications are needed to the addendum report.

I look forward to your reply and thank you for your courtesies.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
Waste Management Division  
75 Hawthorne Street  
San Francisco, CA 94105  
Voice: 415.972.3360  
[santos.carmen@epa.gov](mailto:santos.carmen@epa.gov)

*"Think left and think right and think low and think high. Oh, the things you can think up if only you try!"* Dr. Seuss

---

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## Trestler, Lauren

---

**From:** Santos.Carmen <Santos.Carmen@epa.gov>  
**Sent:** Thursday, March 21, 2013 3:18 PM  
**To:** Goloubow, Ron  
**Subject:** RE: PCBs: Aspire School Site in Oakland

Hello Ron:

Thank you for replying so quickly. Do you have a contact person at College for Certain, LLC? I want a contact that is directly responsible for the Aspire School and that has the authority to negotiate with EPA and Alameda County the land use covenant for that property. I will include Ms. Angela Andrews in the list to get an electronic copy of the letter. Is Mr. Mike Barr still the contact for College for Certain? If so, is the following the correct contact information for Mr. Barr (still need his correct e-mail address)?

College for Certain, LLC – Aspire Public Schools  
Chief Financial Officer  
1001 22<sup>nd</sup> Avenue, Suite 100  
Oakland, CA 94606

Please let me know if Mr. Barr is still the contact at College for Certain. Given most of our approvals for the PCB cleanup have been addressed to Mr. Barr or College for Certain, we would prefer to send our approval of the PCB cleanup to that organization if that organization is still above the Aspire School in Oakland.

Thank you for your courtesies. I look forward to your reply.

Regards,  
Carmen

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
Waste Management Division  
75 Hawthorne Street  
San Francisco, CA 94105  
Voice: 415.972.3360  
santos.carmen@epa.gov

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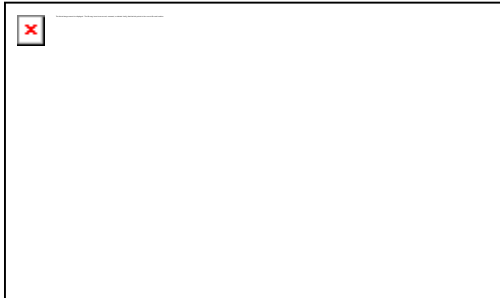
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**From:** Goloubow, Ron [mailto:Ron.Goloubow@arcadis-us.com]  
**Sent:** Thursday, March 21, 2013 11:40 AM  
**To:** Santos.Carmen  
**Subject:** RE: PCBs: Aspire School Site in Oakland



**Ron Goloubow, PG** | Principal Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)

ARCADIS U.S., Inc. | 2000 Powell Street, Suite 700 | Emeryville, CA 94608  
T. 510.596.9550 | M. 510.501.1789 | F. 510.652.4906  
[www.arcadis-us.com](http://www.arcadis-us.com)

---

**From:** Santos.Carmen [mailto:Santos.Carmen@epa.gov]  
**Sent:** Thursday, March 21, 2013 11:26 AM  
**To:** Goloubow, Ron  
**Subject:** PCBs: Aspire School Site in Oakland

Hello Ron:

Please send me the contact information for whom we should send the letter approving the cleanup completion report. By tomorrow I will let you know if no further modifications are needed to the addendum report.

I look forward to your reply and thank you for your courtesies.

Sincerely,  
Carmen

Carmen D. Santos  
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\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*

This Email message contained an attachment named  
image001.jpg  
which may be a computer program. This attached computer program could  
contain a computer virus which could cause harm to EPA's computers,  
network, and data. The attachment has been deleted.

This was done to limit the distribution of computer viruses introduced  
into the EPA network. EPA is deleting all computer program attachments  
sent from the Internet into the agency via Email.

If the message sender is known and the attachment was legitimate, you  
should contact the sender and request that they rename the file name  
extension and resend the Email with the renamed attachment. After  
receiving the revised Email, containing the renamed attachment, you can  
rename the file extension to its correct name.

For further information, please contact the EPA Call Center at  
(866) 411-4EPA (4372). The TDD number is (866) 489-4900.

\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*



## Trestler, Lauren

---

**From:** Santos, Carmen <Santos.Carmen@epa.gov>  
**Sent:** Monday, March 25, 2013 3:47 PM  
**To:** Goloubow, Ron  
**Subject:** PCBs: Aspire Oakland - Revised Draft Cap OM Plan and Soil Management Plan

Hello Ron:

I have one more page to go to complete reviewing and commenting on the Soil Management Plan. Also, do you think it would be a good idea to combine the Soil Management Plan and the Cap Maintenance Plan into one document. The two issues are so interrelated that combining both plans into one might be an option to consider. Please let me know your thoughts on that idea.

Thank you for your courtesies and patience. I look forward to your reply.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
Waste Management Division  
75 Hawthorne Street  
San Francisco, CA 94105  
Voice: 415.972.3360  
[santos.carmen@epa.gov](mailto:santos.carmen@epa.gov)

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---

**From:** Goloubow, Ron [<mailto:Ron.Goloubow@arcadis-us.com>]  
**Sent:** Monday, March 25, 2013 11:05 AM  
**To:** Santos, Carmen  
**Subject:** FW: Aspire Oakland - Revised Draft Cap OM Plan

Carmen the most recent version of the text for the Cap O&M plan is attached.

Ron.

**Ron Goloubow, PG** | Principal Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)



**From:** Goloubow, Ron  
**Sent:** Thursday, March 21, 2013 4:04 PM  
**To:** 'Santos.Carmen'  
**Subject:** Aspire Oakland - Revised Draft Cap OM Plan

On to the LUC!!

---

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## Trestler, Lauren

---

**From:** Santos, Carmen <Santos.Carmen@epa.gov>  
**Sent:** Monday, March 25, 2013 4:32 PM  
**To:** Goloubow, Ron  
**Subject:** PCBs: Aspire School Site - 1009 66th Avenue, Oakland, California - PCB Cleanup Completion Report (Revised Addendum) - Follow Up and Additional Comments

Hello Ron:

Thank you for the opportunity to discuss with you my comments on ARCADIS' February 25, 2013 revised version of the PCB cleanup completion (revised Addendum Report). I have the following additional comments based on my March 22, 2013 review of the Soil Management Plan, internal consultation regarding soils contaminated with soluble lead, and additional review of the January 31, 2013 comments on a previous version of the Addendum Report sent to ARCADIS on that same date at 11:47 AM.

1. Please change the phrase "PCB-affected soils" to "PCB-containing soils."
2. Regarding the "Soil Disposal Summary" table in the Addendum, please change "Non-RCRA (Lead)" to "Hazardous soil (Lead)" until USEPA confirms if that waste was also legitimately regulated under federal RCRA and not just California state hazardous waste. Please provide a summary of the soil analysis results for lead.
3. Please revise the Addendum Report to be responsive to Comment 8 ("Addendum. Soil Disposal Summary") in the January 31, 2013 comments (sent to you via e-mail message at 11:47 AM) on the previous version of the Addendum Report.
4. Provide a CD-ROM containing all analytical data for additional site characterization and cleanup verification samples. To the best of our knowledge, that data has not been provided to USEPA. We need to conduct a focused review of the data as part of the approval of the cleanup completion report. That approval may not proceed without an opportunity to review the requested data. We need this data right away. Thank you for your attention to this matter.
5. As we discussed on a conference call with you subsequent to our transmission of the January 31, 2013 comments and before ARCADIS' submission of the February 25, 2013 revised Addendum Report, our preference is that such become the actual PCB cleanup completion report and other reports that might be available be referenced in the cleanup completion report and included in the CD ROM accompanying the PCB cleanup completion report. Also, all USEPA correspondence approving the additional characterization for PCBs and cleanup of PCBs at the Aspire School site be included in the CD ROM accompanying the cleanup completion report. The CD-ROM must also include all ARCADIS correspondence related to the PCB cleanup as well as that correspondence addressing design and construction of the cap. In our opinion, the Soil Management Plan and the plan for cap inspection, maintenance, and repair be included in the cleanup completion report as appendices to that report and both plans (or one plan addressing soil management and cap inspection, maintenance, and repair) be included in the CD ROM accompanying the cleanup completion report.



6. Please submit a read-line version of the cleanup completion report that is responsive to the comments we discussed on March 22, 2013 and additional comments included in this message. Also, please use our January 31, 2013 comments as a checklist to ensure that all USEPA comments on the cleanup completion report have been addressed in the redline version we are requesting via this message.

With the above additional comments on the PCB cleanup completion report and the many comments discussed with you on March 22, 2013 via conference call, we believe that College for Certain/ARCADIS can move forward with revisions to the February 25, 2013 cleanup completion report and submit a revised redline version of the cleanup completion report.

As to the revised Soil Management Plan, I prepared comments on March 22, 2013 and I am completing my comments on the last page of the document and will send those comments to you today. The word file will contain all the comments and changes we want made to the Plan. In addition, please consider the idea of combining the soil management plan with the plan for cap inspection, maintenance, and repair.

If you have any questions concerning this message, please call me at 415.972.3360.

Thank you for your courtesies and patience.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
Waste Management Division  
75 Hawthorne Street  
San Francisco, CA 94105  
Voice: 415.972.3360  
[santos.carmen@epa.gov](mailto:santos.carmen@epa.gov)

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## Trestler, Lauren

---

**From:** Santos, Carmen <Santos.Carmen@epa.gov>  
**Sent:** Monday, March 25, 2013 6:23 PM  
**To:** Goloubow, Ron  
**Subject:** FW: Soil Management Plan Aspire Oakland-2013-01-03-RV009155.doc  
**Attachments:** Soil Managment Plan Aspire Oakland-2013-01-03-RV009155.doc; 03\_25\_2013 USEPA Comments\_Soil Manage Plan\_Aspire\_Arcadis\_.docx

Hello Ron:

Thank you for the opportunity to comment on the attached Soil Management Plan for the Aspire School Site in Oakland, CA. My comments are electronically annotated in the attached file: "03\_25\_2013 USEPA Comments Soil management Plan Aspire ARCADIS.docx." If you have any questions concerning my comments, please call me.

In addition to the annotated comments, please revise the document in context to post redevelopment activities. If additional construction is planned or is currently anticipated to occur at the Aspire School site in the future, the SMP must include a standalone section addressing this possibility and how soil management (characterization, temporary storage, and disposal) will be conducted.

Therefore, also in context to potential future construction at the Aspire site (if that is anticipated), the Cap inspection, maintenance, and repair plan must address the possibility for future significant disturbance of the approved TSCA cap for the site. And in that situation, proper notification to that effect must be made to USEPA that includes the plans to modify the cap and protect those sections of the cap that will not be disturbed.

In general, the SMP seems to be written for site redevelopment when the site is already redeveloped. Please make appropriate adjustments to the plan so it will address the current status of the site and future post-redevelopment activities at the site. The SMP must also be consistent with the final PCB cleanup completion report for the Aspire site. Please also ensure that comments made on the previous version of the SMP and included in USEPA's January 31, 2013 e-mail message to you (sent at 11:47 AM) are addressed. In addition, the SMP must be consistent with USEPA's approvals dated November 13, 2009, April 5, 2011, June 11, 2011, and electronic e-mail messages not captured in those approval letters.

Please submit a red-line revised version of the SMP for review as soon as it is available.

Thank you for your courtesies and patience.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
Waste Management Division  
75 Hawthorne Street  
San Francisco, CA 94105  
Voice: 415.972.3360  
[santos.carmen@epa.gov](mailto:santos.carmen@epa.gov)

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**From:** Goloubow, Ron [<mailto:Ron.Goloubow@arcadis-us.com>]  
**Sent:** Wednesday, March 13, 2013 10:53 AM  
**To:** SANTOS, CARMEN  
**Subject:** Soil Management Plan Aspire Oakland-2013-01-03-RV009155.doc

Hi Carmen – The revised soil management plan is attached. IF you could please make your comments on the attached word filed.

I am not on to the O&M plan and revising Figure 3...

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## Trestler, Lauren

---

**From:** Santos, Carmen <Santos.Carmen@epa.gov>  
**Sent:** Tuesday, April 02, 2013 9:06 PM  
**To:** Goloubow, Ron  
**Subject:** PCBs: Aspire Public School Oakland --- Cap O&M Plan  
**Attachments:** 04\_02\_2013\_USEPA Comments\_Cap OM Plan\_ARCADIS\_Aspire\_CollegeforCertain\_.docx

Hello Ron:

Attached are our comments on the CAP O&M Plan. Please call me if you have any questions concerning the comments. I will be out of the office on business travel for the remaining of the week and will be back in the office on April 8, 2013.

Thank you for your courtesies and have a great day.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
Waste Management Division  
75 Hawthorne Street  
San Francisco, CA 94105  
Voice: 415.972.3360  
[santos.carmen@epa.gov](mailto:santos.carmen@epa.gov)

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## Trestler, Lauren

---

**From:** Santos, Carmen <Santos.Carmen@epa.gov>  
**Sent:** Monday, April 29, 2013 6:55 PM  
**To:** Goloubow, Ron  
**Subject:** PCBs: Aspire School, 66th Avenue, Oakland, CA ---- Status of Revised Documents

Hello Ron:

Hope this message finds you well. You have our comments on all the documents that you submitted for EPA's review. Please let me know the status of the revised versions of these documents and when should we receive them for review and approval. A revised land use covenant (LUC) is also necessary for review. We want to complete the review of the revised documents still to be submitted and LUC so that (1) an approval can be issued for the cleanup completion report and (2) agreements can be reached on the LUC that will facilitate recordation of the LUC. We want to close this PCB cleanup case within a month. We cannot keep waiting for the revised documents and keep re-engaging on this project. Such approach is inefficient and will affect work time already allocated for other projects and the schedule to complete those other projects.

Thank you for your courtesies and attention to this matter. I look forward to your prompt reply.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
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## Trestler, Lauren

---

**From:** Santos, Carmen <Santos.Carmen@epa.gov>  
**Sent:** Thursday, June 27, 2013 7:02 PM  
**To:** Goloubow, Ron  
**Cc:** Armann, Steve  
**Subject:** FW: PCBs: Aspire School, 66th Avenue, Oakland, CA ---- Status of Revised Documents

Hello Ron:

I have not heard from you since May 3, 2013. Aspire / College for Certain need to submit the revised documents and revised LUC for review and approval. This case needs to be closed. Please provide the name, phone number, and e-mail address of the contact at College for Certain with whom we should discuss this matter and reach resolution.

Thank you for your courtesies.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
Waste Management Division  
75 Hawthorne Street  
San Francisco, CA 94105  
Voice: 415.972.3360  
santos.carmen@epa.gov

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**From:** Goloubow, Ron [mailto:Ron.Goloubow@arcadis-us.com]  
**Sent:** Friday, May 03, 2013 4:58 PM  
**To:** Santos, Carmen  
**Subject:** RE: PCBs: Aspire School, 66th Avenue, Oakland, CA ---- Status of Revised Documents

Carmen –The revisions to the text of the summary report is complete.



The EPA comments on the inspection plan still need to be addressed and the LUC needs to be prepared.

I totally agree with you that this work needs to get finished up and soon.

Thanks for your help on this project.

I am planning to spend time on these documents during the week of May 6, 2013 and will contact you with any questions.

Ron.

**Ron Goloubow, PG** | Principal Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)

**ARCADIS U.S., Inc.** | 2000 Powell Street, Suite 700 | Emeryville, CA 94608  
T. 510.596.9550 | M. 510.501.1789 | F. 510.652.4906  
[www.arcadis-us.com](http://www.arcadis-us.com)

---

**From:** Santos, Carmen [<mailto:Santos.Carmen@epa.gov>]

**Sent:** Monday, April 29, 2013 3:55 PM

**To:** Goloubow, Ron

**Subject:** PCBs: Aspire School, 66th Avenue, Oakland, CA ---- Status of Revised Documents

Hello Ron:

Hope this message finds you well. You have our comments on all the documents that you submitted for EPA's review. Please let me know the status of the revised versions of these documents and when should we receive them for review and approval. A revised land use covenant (LUC) is also necessary for review. We want to complete the review of the revised documents still to be submitted and LUC so that (1) an approval can be issued for the cleanup completion report and (2) agreements can be reached on the LUC that will facilitate recordation of the LUC. We want to close this PCB cleanup case within a month. We cannot keep waiting for the revised documents and keep re-engaging on this project. Such approach is inefficient and will affect work time already allocated for other projects and the schedule to complete those other projects.

Thank you for your courtesies and attention to this matter. I look forward to your prompt reply.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
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## Trestler, Lauren

---

**From:** Santos, Carmen <Santos.Carmen@epa.gov>  
**Sent:** Friday, August 30, 2013 4:00 PM  
**To:** Goloubow, Ron; Angela Andrews  
**Cc:** Lieben, Ivan; Armann, Steve  
**Subject:** PCBs: Revised PCB Cleanup Completion Report and Covenant - Aspire School - 66th Avenue, Oakland, CA

Dear Mr. Ron Goloubow and Ms. Angela Andrews:

As of June 2013 we have not received the revised PCB cleanup completion report for the subject Aspire School despite our repeated requests for those documents during the last two years. Conditions of approval in EPA's approval of the PCB cleanup work requires that such a report be submitted in addition to a land use covenant, cap inspection, maintenance, and repair plan for review and approval of the language prior to recordation of the covenant. We have reviewed all the draft documents and have provided Mr. Goloubow with comments on such documents. Those comments were also discussed with Mr. Goloubow through conference calls.

In order to determine the PCB cleanup conducted at the Aspire School property in Oakland (66<sup>th</sup> Avenue) was completed consistent with all conditions in EPA's PCB cleanup approval for the Aspire property, the required PCB cleanup completion report, cap inspection, repair, and maintenance plan, and land use covenant must be submitted for EPA approval. The Alameda County Department of Health must also be included in the review of those documents. Lacking the required documentation, EPA cannot make such a determination. In addition, cap requirements include routine inspections of the cap which in this case consists of all paved areas at the school. Please provide copies of cap inspection reports conducted since completion of the cap.

We are requesting the required documents be submitted not later than October 15, 2013. In replying to this message, we would greatly appreciate you providing an appropriate contact for College for Certain as well as the contact information for the legal counsel with whom we could discuss the above matters.

Thank you for your courtesies.

Sincerely,

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
Waste Management Division  
75 Hawthorne Street  
San Francisco, CA 94105  
Voice: 415.972.3360  
[santos.carmen@epa.gov](mailto:santos.carmen@epa.gov)

*"Think left and think right and think low and think high. Oh, the thinks you can think up if only you try!"* Dr. Seuss

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## Trestler, Lauren

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**From:** Santos, Carmen <Santos.Carmen@epa.gov>  
**Sent:** Wednesday, September 18, 2013 12:05 PM  
**To:** Goloubow, Ron; Angela Andrews  
**Cc:** Lieben, Ivan; Armann, Steve  
**Subject:** RE: PCBs: Revised PCB Cleanup Completion Report and Covenant - Aspire School - 66th Avenue, Oakland, CA

Hello Ron:

Thank you for writing regarding the Aspire cleanup completion report.

We had provided significant comments on previous versions of the Addendum Report and have commented earlier this year on the technical content and lay out of the report. Our preference is that such report not be referred to as an Addendum report but as a cleanup completion report that includes as an attachment the report that was prepared before all the actual final steps of the physical cleanup of the Aspire property was completed. Therefore, our expectations are to receive the documents listed in your message and those documents being responsive to all the comments that have been provided to ARCADIS. Responses to EPA's comments are fine, however, the cleanup completion report needs to be revised and the revisions responsive to those comments.

Please refer to our messages from 2012 and earlier in 2013 regarding technical issues with the cleanup completion report. In addition, the cleanup completion report needs to be consistent with USEPA's requirements for such report established in the conditional approval of the cleanup activities.

The information presented in your message, if the same as in the last version of the report that we reviewed last year and earlier this year, then that information seem to be adequate as long as it is responsive to all the comments that we already provided in the previous versions of the cleanup completion report. The report should also include a table as to how and if Aspire met each of the conditions of approval. Any deviations from those conditions, if any, should also be explained.

Thank you for your courtesies and please call or write if you have any questions concerning this message.

Sincerely,  
Carmen

Carmen D. Santos  
PCB Coordinator  
USEPA Region 9 (WST-5)  
Waste Management Division  
75 Hawthorne Street  
San Francisco, CA 94105  
Voice: 415.972.3360  
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**From:** Goloubow, Ron [mailto:Ron.Goloubow@arcadis-us.com]

**Sent:** Monday, September 16, 2013 1:21 PM

**To:** Santos, Carmen; Angela Andrews

**Cc:** Lieben, Ivan; Armann, Steve

**Subject:** RE: PCBs: Revised PCB Cleanup Completion Report and Covenant - Aspire School - 66th Avenue, Oakland, CA

Team - ARCADIS is in to process of revising the documents for the Aspire School Site in Oakland and I want to make sure we are in agreement as to what is going to be provided to the EPA on or before October 15, 2013. Here is my understanding as to what will be provided for EP's review.:

#### **Revised DRAFT Addendum to the PCB Cleanup Completion Report**

This document will include responses to the comments provided by EPA in March 2013.

As a reminder this report provides the following

- Summary of additional remedial actions conducted following the submittal of the Implementation Report (dated August 12, 2010)
- A summary of the PCB-affected soil that remains at the Site
- Summary of mitigation measures for the PCB-affected soil that remains at the Site;
- Soil sample laboratory analytical data;
- Revised health risk screening calculations;
- Fill material source information and laboratory analytical data
- Waste disposal information and
- Revised figures showing:
  - Details regarding the surface cap, the landscaped areas, and the redevelop plan);
  - Survey coordinates for the location of soils beneath the cap containing PCBs at concentrations above the cleanup level of 0.130 milligrams per kilogram and
  - Areas where cleanup levels were achieved, where the cleanup levels were not achieved, and where soils contaminated with PCBs above the cleanup level were consolidated beneath the cap at depths ranging from approximately 1 to 4 feet below the current ground surface.

The addendum, along with the Implementation Report, will provide a comprehensive summary of the SICP.

#### **Revised Draft Operation and Maintenance Plan for Cap Mitigation Measures**

This document will include the schedule for cap inspection, cap maintenance, and cap repair and will include responses to the comments provided by EPA in March 2013.

#### **Draft Land Use Covenant**

This document is being prepared using the example document provided by EPA in January 2013.



## Cap Inspection Report

The cap inspection report from September 2013

Please let me know if these are the documents that EPA is expecting.

Thanks Ron.

**Ron Goloubow** | Principal Geologist | [ron.goloubow@arcadis-us.com](mailto:ron.goloubow@arcadis-us.com)  
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Connect with us! [www.arcadis-us.com](http://www.arcadis-us.com) | [LinkedIn](#) | [Twitter](#) | [Facebook](#)  
ARCADIS, Imagine the result

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**From:** Santos, Carmen [<mailto:Santos.Carmen@epa.gov>]  
**Sent:** Friday, August 30, 2013 1:00 PM  
**To:** Goloubow, Ron; Angela Andrews  
**Cc:** Lieben, Ivan; Armann, Steve  
**Subject:** PCBs: Revised PCB Cleanup Completion Report and Covenant - Aspire School - 66th Avenue, Oakland, CA

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Thank you for your courtesies.

Sincerely,

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